RÉSEAU MONDIAL, 1916.

PREFACE.

The publication of the Réseau Mondial commenced in 1917 with the volume containing the data for the year 1911. Subsequently the volumes for 1912, 1913, 1910, 1914 and 1915 were issued, in that order. An account of the history of the enterprise is given in the preface to the volume for 1914. Since the appearance of that volume, a meeting of the Commission appointed by the International Meteorological Committee to foster the enterprise has taken place, in connexion with the meeting of the Committee held in London in September 1921. The Commission approved the general form in which the results for the years 1910 to 1914 have been published, and adopted a resolution, subsequently endorsed by the Committee, requesting that the publication of similar data for ensuing years might be continued. The present volume, which forms the seventh of the series, and deals with the observations of the year 1916, is issued in response to that appeal. It should be mentioned, however, that all the information refers to land stations; it has not yet been practicable to give effect to the wishes of the Commission for the inclusion of data from the sea.

A list of the additions or changes made in the network of stations since the issue of the preceding volume is given below. These changes have been made after consultation with the Directors of National Meteorological Services concerned.

Additions :—

Zone 5, 40° to 30° N.	..	530, Santa Cruz (Flores).
Zone 6, 30° to 20° N.	..	617, Tulancingo.
Zone 8, 10° N. to 0°	..	845, Harrar.
Zone 11, 20° to 30° S.	..	1165, Thargomindah.

The following substitutions have also been made :—

Substitutions :—

Zone 3, 60° to 50° N.	..	323, Hebron for Ungava (Fort Chimo).
		362, Blagoveshchensk (Bureau Météorologique) for Blagoveshchensk (Administration des Eaux).
		368, Petropavlovsk (Radio) for Petropavlovsk (Phare).
Zone 5, 40° to 30° N.	..	544, Nicosia (Public Works Department) for Nicosia (Medical Department).
Zone 6, 30° to 20° N.	..	633, Izaña for Cañadas del Teide.
Zone 9, 0° to 10° S.	..	943, Masaka for Mbarara.
Zone 12, 30° to 40° S.	..	1226, Montevideo (Prado) for Montevideo (Obs. Central).

The stations shown in the following list have closed down and have consequently been deleted :—

Deletions :—

Zone 2, 70° to 60° N.	..	214, Fort Resolution.
Zone 3, 60° to 50° N.	..	325, Point Riche.
Zone 6, 30° to 20° N.	..	642, Dakhla Oasis.
Zone 9, 0° to 10° S.	..	967, Rakuranga.
Zone 11, 20° to 30° S.	..	1115, Mataveri, Easter Island.
Zone 14, 50° to 60° S.	..	1467, Macquarie Island.
Zone 15, 60° to 70° S.	..	"Endurance" Drift.
Zone 16, 70° to 80° S.	..	

Owing to disorganization, inevitable in war time, data for stations shown below are missing.

Missing :—

Zone 2, 70° to 60° N.	..	264, Oust Maïskoe.
		272, Novo-Mariinskii Post.
Zone 3, 60° to 50° N.	..	326, Belle Isle.
Zone 4, 50° to 40° N.	..	441, Monastir.
Zone 5, 40° to 30° N.	..	545, Baghdad.
Zone 6, 30° to 20° N.	..	615, Zacatecas.
		616, Leon.
		636, Colomb-Béchar.
		641, Siwa.
		660, Amoy.
Zone 7, 20° to 10° N.	..	715, Zapotlanejo.
		716, Morelia.
		718, Oaxaca.
		718a, Salina Cruz.
		735, Ségou.
Zone 9, 0° to 10° S.	..	921, Quito.
Zone 10, 10° to 20° S.	..	1046, Sainte Marie.
Zone 11, 20° to 30° S.	..	1126, Asuncion.
Zone 13, 40° to 50° S.	..	1301, Chatham Island.

The total number of stations utilized was 440, as against 434 in 1915.

INTRODUCTION TO THE TABLES OF THE RÉSEAU MONDIAL, FOR THE YEAR 1916.

Subdivision of the Globe and numbering of Stations.—In order to facilitate the grouping of the information, the surface of the globe is divided into zones each covering ten degrees of latitude. These zones are numbered consecutively from North to South, the number 1 being assigned to the zone extending from latitude 80° N. to latitude 70° N., the northernmost one for which information is available. The corresponding zone in the Southern hemisphere, that extending from latitude 70° S. to latitude 80° S., accordingly becomes zone No. 16.

An identification number is assigned to each station. The first one or two digits in this number specify the zone to which the station belongs, and the last two digits indicate its position in longitude. For the latter purpose the zones are subdivided into 36 " squares," each extending over ten degrees of longitude, and two station numbers are assigned to each square. The enumeration of the stations starts from longitude 180° West of the meridian of Greenwich and proceeds eastward. A few examples will make the system clear. Station numbers 101 and 102 refer to the stations in zone 1 (i.e. between latitude 70° N. and 80° N.) between longitudes 170° W. and 180° W. ; station numbers 335 and 336 to the stations in zone 3 (50° N. to 60° N.) between longitude 10° W. and 0° ; station numbers 1147 and 1148 to the stations in zone 11 (latitude 20° S. to 30° S.) between longitude 50° E. and 60° E., i.e., to the Indian Ocean. In cases where it has been found desirable to give data for more than two stations in one " square " the additional stations are distinguished by adding the letter " *a* " to the numbers appropriate to the square. For zone 6 between longitude 90° W. and 100° W. it was considered desirable to give data for the two Indian stations Cherrapunji and Gauhati, representing conditions at high and low levels, the mountain station Cherrapunji being indicated by the addition of the letter " *m* " to the number appropriate to Gauhati.

In the monthly tables the data are arranged by zones, and within each zone, in the order of the identification numbers of the stations.

Units.—Absolute units related to the metric system are employed throughout. Conversion tables showing the relation of these units to the units more commonly in use, will be found on pp. xvi to xviii of the Réseau Mondial (Tables) for 1914.

Authorities.—The data have been transcribed in most cases from the publications of the various meteorological institutes received in the Library of the Meteorological Office. Particulars of the sources from which they have been taken will be found in the *Table showing the Authorities for the Meteorology of the Globe*, printed at the end of the volume. In some cases the volumes for 1916 have not yet been issued and the data have therefore been taken from advance manuscript copies supplied by the courtesy of the Directors concerned, whose valued co-operation is hereby acknowledged. The data for some stations in the British Crown Colonies have been transcribed from manuscript returns received in the Meteorological Office, and have not yet been published elsewhere. The majority of the stations for which information is given are under the control of government meteorological services ; it is therefore assumed that the recognised conventions regarding the instruments and their exposure have been followed. In the case of other stations information on these points is often lacking, but no observations have been included that are known to be faulty in this respect. The positions of stations, their heights above sea-level and the spelling of names, have been taken from the official meteorological publications, if given, but in some cases it has been necessary to complete this information from other sources.

Height above Sea Level.—Particulars of the datum used in the European countries when specifying heights above sea level will be found in the Introduction to the volume of Tables for 1914.

Normals.—Wherever possible the departures from normal of the monthly values of mean pressure, mean temperature and precipitation, are given. It has not been possible to employ homogeneous series throughout. In all cases an endeavour is made to secure that the normals are based on the same combination of values as the current data, or a comparable one. The years to which the normals refer are given in the *Table showing the Authorities for the Meteorology of the Globe* at the end of the volume.

Pressure.—The tables provide space for the entries of mean monthly pressure both at station level and at mean sea level. If the value at sea level is not given in the publication for which the data have been transcribed, it has been computed in the Meteorological Office for all stations not exceeding 1,000 metres in altitude, for which the height above sea level was accurately known, the reduction being based on the *International Meteorological Tables*, allowance being made for the change of temperature with height. The reduction has not been made for stations at higher levels. The monthly means of pressure are based by preference on hourly values, but when such are not available, combinations of observations at other hours have been used. Particulars of the combination adopted at each station are given in the *Table showing the Authorities for the Meteorology of the Globe* under the heading " Remarks." Table I (p. vii) gives for certain stations the correction required to reduce the means computed in this way to the means computed from hourly observations. In cases in which it is possible to give values both for station level and for sea level, the differences from normal refer to the latter, except at the stations of the Indian Meteorological Service for which the differences from normal are transcribed from the *India Weather Review*, and refer to station level.

Temperature.—The monthly tables include the means of the daily readings of maximum and minimum thermometers, the highest readings of the maximum and the lowest reading of the minimum thermometer, the mean temperature obtained from the mean maximum and mean minimum or from observations at fixed hours, and a column giving the observed or deduced mean of 24 hourly values per day.

Precipitation.—The term precipitation includes rain, snow, hail and (if of measurable amount) dew. The solid precipitates are measured by the depth of water they yield or are computed to yield when melted.

Wind.—No information regarding wind is included in the general tables, but at the end of each monthly section daily observations of wind are given for selected stations in the tropics. At the foot of these tables the Resultant Direction and the "Constancy" are given. No account is taken of wind *strength* in computing these quantities; each observation of direction is regarded as a unit vector and the *resultant direction* is obtained by compounding the unit vectors. The "*constancy*" is represented by 100 times the ratio of the vector sum of the unit vectors to the number of observations (calms included). Direction is specified by the azimuth of the point *from* which the wind is blowing, and is measured in degrees from north through east.

State of Ice in the Arctic Seas.—The statistical information given for each month is supplemented by notes on the state of the ice in the Arctic Seas and in the North Atlantic Ocean.

Bibliography of the Meteorology of the Globe.—A bibliography will be found on page xv of the Réseau Mondial (Tables) 1914.

TABLE I.—*Corrections to reduce Means of Pressure at various hours or combinations of hours to True Mean.*

	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
Zone 1.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
Gaasefiord for Inglefield Bay, ⅛ (8+14+21) (1)	0·0	0·0	0·0	0·0	0·0	−0·1	−0·1	0·0	0·0	0·0	0·0	0·0	0·0
Gaasefiord and Godthaab for Upernivik, ⅛ (8+14+21) (1)	0·0	0·0	−0·1	−0·1	−0·1	−0·1	−0·1	0·0	0·0	0·0	0·0	0·0	0·0
Malye Karmakouly, ⅛ (7+3+21) (1)	+0·1	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	+0·1	0·0
Waigatz, ⅛ (7+13+21) (1)	+0·1	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	+0·1	0·0
Zone 2.													
Sitka for Nome, Tanana, Valdez and Eagle, 20 h. (8)	+0·1	+0·1	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	+0·1	0·0
Godthaab for Jacobshavn, ⅛ (8+14+21) (1)	0·0	0·0	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1
Godthaab, ⅛ (8+14+21) (1)	0·0	0·0	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1
Godthaab for Ivigtut, ⅛ (8+14+20) (1)	0·0	0·0	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1
Angmagsalik, ⅛ (8+14+21) (1)	+0·1	0·0	0·0	0·0	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	0·0	−0·1
Helsingfors, *and for* Kuopio, ⅛ (7+14+21) (8)	+0·1	+0·1	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	+0·1	0·0
Kola, ⅛ (7+13+21) (1)	+0·1	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0
Petrozavodsk, ⅛ (7+13+21) (1)	+0·1	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0
Arkhangelsk, ⅛ (7+13+2) (1)	+0·1	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0
Mezen, ⅛ (7+13+21) (1)	+0·1	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0
Oust-Tsylma, ⅛ (7+13+21) (1)	+0·1	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0
Tcherdyn, ⅛ (7+13+21) (1)	+0·1	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	+0·1	0·0
Berezov, ⅛ (7+13+21) (1)	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0
Obdorsk, ⅛ (7+13+21) (1)	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0
Sourgout, ⅛ (7+13+21) (1)	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0
Doudinka, ⅛ (7+13+21) (1)	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0
Touroukhansk, ⅛ (7+13+21) (1)	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0
Olekminsk, ⅛ (7+13+21) (1)	0·0	0·0	0·0	−0·1	−0·1	0·0	−0·1	0·0	0·0	0·0	0·0	0·0	0·0
Iakoutsk, ⅛ (7+13+21) (1)	+0·1	0·0	0·0	−0·1	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0
Verkhoïansk, ⅛ (7+13+21) (1)	+0·1	0·0	0·0	−0·1	0·0	0·0	0·0	+0·1	0·0	0·0	0·0	0·0	0·0
Zone 3.													
Sitka, *and for* Kodiak, 20 h. (8)	+0·1	+0·1	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	+0·1	0·0
Sitka and Victoria for Prince Rupert, ½ (5+17) (1)	+0·2	+0·2	+0·2	+0·2	+0·2	+0·1	+0·1	+0·2	+0·2	+0·2	+0·2	+0·1	+0·2
Victoria for Kamloops, ½ (4½+16½) (1)	+0·1	+0·2	+0·2	+0·2	+0·2	+0·2	+0·2	+0·2	+0·2	+0·2	+0·2	+0·1	+0·2
Victoria and Moose Jaw for Calgary, ½ (5½+17½) (1)	+0·2	+0·2	+0·2	+0·2	+0·2	+0·2	+0·2	+0·2	+0·3	+0·3	+0·2	+0·1	+0·2
Fort Confidence and Moose Jaw for Fort Chipewyan, ½ (8+18) (1)	0·0	+0·1	+0·1	+0·1	0·0	−0·1	−0·1	0·0	+0·1	+0·1	+0·1	+0·1	0·0
Moose Jaw for Prince Albert and Qu'Appelle, ½ (6+18) (1)	+0·3	+0·2	+0·2	+0·2	+0·2	+0·1	+0·1	+0·1	+0·2	+0·3	+0·3	+0·3	+0·2
Moose Jaw and Winnipeg for Minnedosa, ½ (7+19) (1)	+0·2	+0·1	+0·1	+0·1	+0·1	−0·1	−0·1	0·0	0·0	0·0	0·0	+0·1	0·0
Fort Churchill for Port Nelson, ½ (7¾+18½) (1)	−0·1	0·0	0·0	+0·1	+0·2	+0·3	+0·2	+0·1	+0·1	−0·1	−0·2	−0·2	0·0
Le Pas and Fredericton for Fort Hope, ⅛ (7+14+19) (1)	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	+0·2	+0·1	+0·1	+0·1	+0·1	+0·1
Le Pas and Fredericton for Moose Factory, ⅛ (9+14+19) (1)	+0·1	0·0	0·0	0·0	+0·1	+0·1	0·0	0·0	−0·1	−0·1	0·0	0·0	0·0
Hamburg and Upsala for Copenhagen, ⅛ (8+14+21) (2)	+0·1	−0·1	+0·1	+0·1	+0·1	+0·1	0·0	+0·1	+0·1	+0·1	0·0	−0·1	+0·1
Warsaw, ⅛ (7+13+21) (11)	+0·1	0·0	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	0·0	0·0	+0·1	0·0
Petrograd, ⅛ (7+13+21) (2)	+0·1	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	+0·1	0·0
Kiev, ⅛ (7+13+21) (1)	+0·1	+0·3	0·0	−0·1	−0·4	−0·4	−0·3	−0·3	−0·1	−0·2	+0·1	+0·1	−0·1
Moscow, ⅛ (7+13+21) (1)	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	−0·1	0·0	0·0	0·0	0·0
Saratov, ⅛ (7+13+21) (1)	+0·1	0·0	0·0	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	0·0	0·0	−0·1
Kazan, ⅛ (7+13+21) (1)	+0·1	0·0	0·0	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	0·0	+0·1	0·0
Orenburg, ⅛ (7+13+21) (1)	+0·1	0·0	0·0	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	0·0	0·0	−0·1
Perm, ⅛ (7+13+21) (1)	+0·1	0·0	0·0	0·0	0·0	0·0	−0·1	0·0	0·0	0·0	0·0	+0·1	0·0
Ekaterinburg, ⅛ (7+13+21) (2)	0·0	0·0	0·0	0·0	−0·1	0·0	−0·1	−0·1	0·0	0·0	0·0	+0·1	0·0
Tobolsk, ⅛ (7+13+21) (1)	0·0	0·0	0·0	0·0	0·0	0·0	−0·1	0·0	0·0	0·0	0·0	0·0	0·0
Akmolinsk, ⅛ (7+13+21) (1)	0·0	0·0	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	0·0	0·0	−0·1

TABLE I.—*Corrections to reduce Means of Pressure at various hours or combinations of hours to True Mean*—continued.

	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
Zone 3—continued.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
Omsk, ½ (7+13+21) (1)	0·0	0·0	0·0	0·0	−0·1	0·0	−0·1	0·0	−0·1	0·0	0·0	0·0	0·0
Barnaoul, ⅓ (7+13+21) (2)	0·0	0·0	0·0	−0·1	−0·1	0·0	0·0	0·0	−0·1	0·0	0·0	0·0	0·0
Tomsk, ⅓ (7+13+21) (1)	0·0	0·0	0·0	0·0	−0·1	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0
Minousinsk, ½ (7+13+21) (1) ..	0·0	0·0	0·0	−0·1	−0·1	0·0	−0·1	0·0	−0·1	0·0	0·0	0·0	0·0
Eniseisk, ½ (7+13+21) (1)	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0
Irkutsk, ⅓ (7+13+21) (2)	0·0	−0·1	−0·1	−0·2	−0·2	−0·2	−0·2	−0·2	−0·1	0·0	0·0	+0·1	−0·1
Kirensk, ½ (7+13+21) (1)	0·0	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	0·0	0·0	+0·1	−0·1
Tchita, ½ (7+13+21) (1)	0·0	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	0·0	0·0	+0·1	−0·1
Blagoveshchensk Priisk, ⅓ (7+13+21) (1)	0·0	0·0	0·0	−0·1	−0·1	−0·1	−0·1	0·0	0·0	0·0	0·0	0·0	0·0
Nertchinsk for Nertchinskii Zavod, ½ (7+13+21) (2)	0·0	0·0	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	0·0	0·0	+0·1	0·0
Tygan Ourkan, ½ (7+13+21) (1) ..	0·0	0·0	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	0·0	0·0	+0·1	0·0
Blagoveshchensk, ⅓ (7+13+21) (1) ..	0·0	0·0	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	0·0	0·0	+0·1	0·0
Paikanskii Sklad, ⅓ (7+13+21) (1) ..	0·0	0·0	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	0·0	0·0	0·0	−0·1
Nikolaevsk sur Amour, ⅓ (7+13+21) (1)	+0·1	0·0	−0·1	0·0	−0·1	−0·1	−0·1	−0·1	−0·1	0·0	0·0	0·0	0·0
Okhotsk, ⅓ (7+13+21) (1)	+0·1	0·0	0·0	0·0	−0·1	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0
Zone 4.													
Winnipeg for Port Arthur, ⅓ (7+14+19) (1)	0·0	+0·1	+0·1	+0·1	+0·1	0·0	0·0	+0·1	+0·1	0·0	0·0	0·0	0·0
New York, ⅓ (7+14+21) (1)	+0·1	0·0	0·0	−0·1	−0·1	−0·1	−0·1	−0·1	0·0	0·0	+0·1	+0·1	0·0
St. John, N.B., ⅓ (9+15+21) (1) ..	−0·1	0·0	0·0	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	−0·2	−0·1
Rome, ½ (9+15+21) (3)	−0·3	−0·3	−0·1	−0·1	−0·1	−0·2	−0·2	−0·2	−0·1	−0·3	−0·3	−0·2	−0·2
Vienna, ½ (7+14+21) (2)	+0·2	+0·1	0·0	0·0	+0·1	0·0	0·0	0·0	+0·1	0·0	+0·1	+0·2	+0·1
O-Gyalla for Buda-Pesth, ⅓ (7+14+21) (1)	+0·1	+0·1	0·0	+0·1	+0·1	+0·1	0·0	0·0	0·0	+0·1	+0·1	+0·1	0·0
Odessa, ⅓ (7+13+21) (1)	+0·1	0·0	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	0·0	0·0	+0·1	0·0
Kharkov, ½ (7+13+21) (1)	0·0	0·0	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	0·0	0·0	0·0	−0·1
Novorossiisk, ½ (7+13+21) (1) ..	0·0	0·0	−0·1	−0·1	−0·1	−0·1	−0·2	−0·1	−0·1	0·0	0·0	0·0	−0·1
Tiflis, ½ (7+13+21) (1)	+0·1	0·0	−0·1	−0·1	−0·1	−0·1	−0·2	−0·2	−0·1	0·0	0·0	+0·1	−0·1
Astrakhan, ⅓ (7+13+21) (1)	+0·1	0·0	−0·1	−0·1	−0·1	−0·1	−0·1	−0·2	−0·1	−0·1	0·0	0·0	−0·1
Fort Alexandrovsk, ⅓ (7+13+21) (1)	+0·1	0·0	−0·1	−0·1	−0·1	−0·1	−0·2	−0·2	−0·1	−0·1	0·0	0·0	−0·1
Krasnovodsk, ⅓ (7+13+21) (1) ..	+0·1	0·0	−0·1	−0·1	−0·2	−0·2	−0·2	−0·2	−0·2	0·0	0·0	0·0	−0·1
Aralskoe More, ⅓ (7+13+21) (1) ..	+0·1	−0·1	−0·1	−0·1	−0·2	−0·1	−0·1	−0·2	−0·1	0·0	0·0	0·0	−0·1
Tachkent, ⅓ (7+13+21) (1)	0·0	−0·1	−0·1	−0·2	−0·3	−0·2	−0·2	−0·3	−0·2	−0·1	0·0	0·0	−0·1
Narynskoe, ⅓ (7+13+21) (1)	0·0	−0·1	−0·1	−0·2	−0·3	−0·2	−0·2	−0·2	−0·2	−0·1	0·0	0·0	−0·1
Vernyi, ⅓ (7+13+21) (1)	0·0	−0·1	−0·1	−0·2	−0·3	−0·2	−0·2	−0·2	−0·2	−0·1	0·0	0·0	−0·1
Vladivostok, ⅓ (7+13+21) (1) ..	+0·1	0·0	−0·1	−0·1	−0·2	−0·2	−0·2	−0·2	−0·1	0·0	0·0	0·0	−0·1
Zone 5.													
Madeira (Funchal), ⅓ (9+15+21) (1)	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	−0·2	−0·2	−0·2	−0·1	−0·1	−0·1	−0·1
Lisbon, ⅓ (9+15+21) (4)	−0·2	−0·1	−0·1	−0·2	−0·1	−0·1	−0·1	−0·2	−0·2	−0·3	−0·2	−0·2	−0·2
Lisbon for Gibraltar, ⅓ (7+13+21) (1)	0·0	0·0	−0·1	−0·2	−0·2	−0·2	−0·2	−0·2	−0·2	−0·1	0·0	0·0	−0·1
Bouzaréah for Melilla, ⅓ (8+16) (1) ..	+0·2	+0·2	+0·2	+0·1	+0·1	0·0	−0·1	0·0	+0·1	+0·1	+0·1	+0·1	+0·1
Palma, ½ (8+16) (1)	−0·1	+0·1	+0·1	+0·1	+0·1	+0·1	0·0	+0·1	+0·1	−0·1	0·0	+0·1	0·0
Malta, 8 h. (1)	−0·6	−0·7	−0·7	−0·7	−0·8	−0·8	−0·9	−0·8	−0·8	−0·8	−0·7	−0·6	−0·7
Naples for Riposto, ⅓ (9+15+21) (2)	0·0	0·0	−0·1	−0·1	−0·1	−0·2	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1
Alexandria, ½ (8+14+20) (1)	−0·1	−0·2	−0·2	−0·2	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	0·0	−0·1
Athens and Cairo for Nicosia, ½ (8+15) (1)	+0·2	+0·2	+0·2	+0·1	+0·1	+0·1	+0·1	+0·1	+0·2	+0·2	+0·2	+0·2	+0·2
Lenkoran, ⅓ (7+13+21) (1)	+0·1	0·0	−0·1	−0·1	−0·2	−0·2	−0·2	−0·2	−0·2	0·0	0·0	+0·1	−0·1
Quetta, 8 h. (6)	−0·9	−0·9	−1·1	−1·2	−1·2	−1·4	−1·3	−1·2	−1·4	−1·5	−1·4	−1·1	−1·2
Peshawar, 8 h. (6)	−0·9	−1·1	−1·2	−1·4	−1·8	−2·1	−2·0	−1·9	−1·8	−1·8	−1·5	−1·0	−1·6
Lahore, 8 h. (6)	−0·7	−0·6	−1·0	−1·2	−1·3	−1·6	−1·3	−1·5	−1·4	−1·4	−1·0	−0·9	−1·1
Simla, 8 h. (6)	−0·2	−0·2	−0·2	−0·4	−0·6	−0·5	−0·5	−0·4	−0·5	−0·5	−0·6	−0·4	−0·4
Leh, 8 h. (6)	−1·0	−0·9	−1·4	−1·3	−1·3	−1·6	−1·8	−1·7	−1·9	−1·7	−1·5	−1·2	−1·5
Zi-Ka-Wei for Hangkow, ⅓ (6+14+22) (7)	+0·3	+0·2	+0·2	+0·1	0·0	0·0	−0·1	0·0	0·0	+0·2	+0·2	+0·3	+0·1
Pekin for Tientsin, ⅓ (6+14+22) (8) ..	+0·3	+0·3	+0·1	0·0	−0·1	−0·1	−0·1	0·0	0·0	+0·1	+0·2	+0·3	+0·1
Zone 6.													
Khartoum and Cairo for Aswan, ⅓ (8+14+20) (1)	0·0	+0·1	0·0	0·0	0·0	0·0	+0·1	0·0	0·0	0·0	0·0	0·0	0·0
Cairo and Aswan for Tor, ⅓ (8+14+20) (1)	0·0	+0·1	0·0	0·0	0·0	0·0	+0·1	+0·1	0·0	0·0	0·0	0·0	0·0

TABLE I.—*Corrections to reduce Means of Pressure at various hours or combinations of hours to True Mean*—continued.

	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
Zone 6—continued.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
Bushire, 8 h. (6)	−0·8	−0·8	−0·9	−0·7	−0·8	−0·6	−0·5	−0·5	−0·7	−0·9	−1·0	−0·9	−0·7
Jask, 8 h. (6)	−1·2	−1·1	−1·1	−1·0	−1·0	−0·8	−0·6	−0·8	−1·0	−1·1	−1·3	−1·2	−1·0
Karachi, 8 h. (6)	−1·5	−1·5	−1·4	−1·3	−1·3	−0·9	−0·8	−1·0	−1·2	−1·4	−1·5	−1·5	−1·3
Hyderabad, Sind, 8 h. (6)	−1·3	−1·3	−1·5	−1·4	−1·5	−1·3	−1·1	−1·0	−1·2	−1·4	−1·4	−1·3	−1·3
Jacobabad, 8 h. (6)	−1·1	−1·3	−1·7	−1·7	−1·8	−1·7	−1·5	−1·4	−1·5	−1·4	−1·4	−1·2	−1·5
Jaipur, 8 h. (6)	−1·1	−1·2	−1·5	−1·6	−1·8	−1·6	−1·2	−1·2	−1·4	−1·6	−1·3	−1·3	−1·4
Nagpur, 8 h. (6)	−1·7	−1·9	−2·1	−2·3	−2·2	−1·4	−1·2	−1·2	−1·5	−1·7	−1·8	−1·7	−1·7
Allahabad, 8 h. (6)	−1·5	−1·6	−1·9	−2·0	−1·9	−1·7	−1·2	−1·2	−1·6	−1·7	−1·7	−1·6	−1·6
Darjiling, 8 h. (6)	−0·3	−0·3	−0·6	−0·8	−0·9	−0·8	−0·6	−0·6	−0·8	−0·8	−0·7	−0·5	−0·6
Calcutta, 8 h. (6)	−1·6	−1·6	−1·7	−1·8	−1·5	−1·1	−0·9	−1·0	−1·2	−1·6	−1·7	−1·7	−1·5
Dinajpur and Sibsagar for Gauhati, 8 h. (6)	−1·7	−1·6	−1·9	−2·0	−1·8	−1·4	−1·4	−1·5	−1·6	−1·8	−1·9	−1·8	−1·7
Akyab, 8 h. (6)	−1·5	−1·5	−1·6	−1·7	−1·1	−0·8	−0·8	−0·9	−1·2	−1·4	−1·3	−1·5	−1·3
Mandalay, 8 h. (6)	−1·7	−1·8	−2·1	−2·1	−1·7	−1·4	−1·3	−1·3	−1·6	−1·8	−1·8	−1·8	−1·7
Phu Lien for Moncay, ½ (10+16) (9) ..	−0·3	−0·2	−0·2	−0·1	+0·1	+0·2	+0·2	+0·2	+0·1	−0·1	−0·1	−0·1	0·0
Taihoku and Manila for Santo Domingo, ½ (6+14) (13)	+0·7	+0·6	+0·5	+0·5	+0·4	+0·4	+0·4	+0·5	+0·6	+0·6	+0·6	+0·7	+0·5
Zone 7.													
Port-au-Prince for St. Croix, ⅓ (8+14+21) (1)	+0·1	0·0	0·0	−0·1	−0·1	−0·1	−0·1	−0·1	0·0	0·0	0·0	0·0	0·0
Barbados, ½ (9+15) (13)	−0·3	−0·1	−0·1	0·0	+0·1	+0·1	0·0	−0·2	−0·3	−0·1	−0·1	−0·2	0·0
Khartoum *and for* El Obeid, ⅓ (8+14+20) (5)	−0·1	0·0	−0·1	−0·1	−0·1	−0·1	0·0	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1
Khartoum and Cairo for Port Sudan, ⅓ (8+14+20) (1)	0·0	0·0	0·0	0·0	0·0	0·0	+0·1	0·0	0·0	0·0	0·0	0·0	0·0
Aden, 8 h. (6)	−1·6	−1·7	−1·7	−1·5	−1·6	−2·0	−2·1	−2·2	−1·9	−1·4	−1·7	−1·3	−1·8
Bombay, 8 h. (6)	−2·0	−1·9	−2·0	−2·0	−1·8	−1·1	−1·0	−1·2	−1·6	−2·0	−2·2	−2·1	−1·8
Cochin, 8 h. (6)	−1·9	−1·8	−1·8	−1·6	−1·2	−0·7	−0·7	−0·9	−1·2	−1·4	−1·6	−1·8	−1·4
Bangalore, 8 h. (6)	−1·7	−1·7	−1·9	−2·1	−1·8	−1·2	−1·0	−1·3	−1·5	−1·7	−1·6	−1·7	−1·6
Madras, 8 h. (6)	−1·5	−1·5	−1·7	−1·7	−1·6	−1·6	−1·5	−1·6	−1·8	−1·7	−1·5	−1·5	−1·6
Waltair, 8 h. (6)	−1·7	−1·6	−1·8	−1·8	−1·7	−1·2	−1·1	−1·2	−1·3	−1·6	−1·6	−1·7	−1·5
Port Blair, 8 h. (6)	−1·3	−1·2	−1·2	−1·3	−1·1	−0·9	−0·8	−0·9	−1·1	−1·2	−1·2	−1·3	−1·1
Rangoon, 8 h. (6)	−1·7	−1·9	−2·1	−2·2	−1·6	−1·0	−1·0	−1·0	−1·3	−1·8	−1·5	−1·8	−1·6
Zone 8.													
Duala for Nigerian Stations, 9 h. (1)	−1·7	−1·7	−1·8	−1·8	−1·7	−1·6	−1·6	−1·6	−1·8	−1·9	−1·7	−1·7	−1·7
Entebbe, ½ (7+14+21) (1)	+0·1	0·0	−0·2	−0·2	−0·2	0·0	+0·1	+0·2	+0·1	−0·2	−0·3	−0·1	−0·1
Colombo, ½ (9½+15½) (6)	+0·1	+0·1	+0·1	+0·1	+0·2	+0·2	+0·2	+0·2	+0·2	+0·2	+0·2	+0·1	+0·2
Trincomalee, 8 h. (6)	−1·8	−2·1	−1·8	−1·7	−1·4	−1·6	−1·5	−1·6	−1·5	−2·1	−1·9	−1·7	−1·7
Singapore *and for* Penang, ⅓ (9+15+21) (2)	−0·2	−0·2	−0·2	−0·3	−0·2	−0·2	−0·2	−0·2	−0·2	−0·3	−0·2	−0·3	−0·2
Manila for Iwahig, ½ (6+14) (13) ..	+0·7	+0·6	+0·6	+0·6	+0·6	+0·5	+0·5	+0·6	+0·7	+0·7	+0·7	+0·7	+0·6
Zone 9.													
Malden Island, 9 h. (1)	−1·4	−1·4	−1·6	−1·6	−1·6	−1·2	−1·5	−1·5	−1·6	−1·6	−1·4	−1·3	−1·5
Quixeramobim *and for* Turyassu and Barra do Corda, ⅓ (7+14+21) (1) ..	0·0	0·0	0·0	0·0	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	0·0	+0·1	+0·1
Zanzibar, 8 h. (6)	−2·1	−2·1	−1·6	−1·3	−1·1	−1·1	−1·1	−1·3	−1·6	−1·5	−1·6	−1·5	−1·5
Ocean Island, ½ (9+21) (1)	−1·4	−1·2	−1·4	−1·4	−1·4	−1·0	−1·2	−1·2	−1·3	−1·3	−1·3	−1·2	−1·3
Zone 10.													
Rikitea and Apia for Makatea, ⅓ (6+12+18) (1)	+0·1	+0·1	+0·2	+0·2	+0·1	+0·1	+0·1	+0·1	+0·2	+0·1	+0·2	+0·1	+0·1
Arequipa, ½ (10+22) (14)	−0·6	−0·7	−0·7	−0·6	−0·7	−0·6	−0·7	−0·7	−0·7	−0·7	−0·6	−0·6	−0·7
St. Helena, 9 h. (1)	−1·2	−1·2	−1·3	−1·3	−1·3	−1·1	−1·1	−1·1	−1·0	−1·1	−1·2	−1·2	−1·2
Kimberley and Zomba for Salisbury and Gwelo, 8 h. (1)	−1·6	−1·6	−1·5	−1·4	−1·3	−1·3	−1·3	−1·4	−1·5	−1·6	−1·7	−1·7	−1·5
Zomba, ½ (9+21) (1)	−0·8	−0·8	−0·8	−0·9	−0·9	−0·9	−0·9	−1·0	−1·0	−0·9	−0·9	−0·9	−0·9
Tananarivo, ⅓ (7+13+18) (1) ..	+0·2	+0·2	+0·3	+0·3	+0·3	+0·2	+0·2	+0·3	+0·3	+0·3	+0·2	+0·2	+0·2
Derby, ½ (9+15) (1)	0·0	0·0	0·0	0·0	0·0	+0·1	+0·1	+0·1	0·0	0·0	0·0	0·0	0·0
Halls Creek, ½ (9+15) (1)	+0·2	+0·2	+0·2	+0·2	+0·2	+0·3	+0·3	+0·3	+0·3	+0·3	+0·3	+0·2	+0·3
Port Darwin, ½ (9+15) (1)	0·0	0·0	0·0	+0·1	+0·2	+0·1	+0·1	+0·1	0·0	0·0	−0·1	−0·1	0·0
Daly Waters, ½ (9+15) (1)	+0·3	+0·3	+0·3	+0·3	+0·3	+0·3	+0·3	+0·3	+0·3	+0·3	+0·3	+0·3	+0·3
Mein, ½ (9+15) (1)	0·0	0·0	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	0·0	0·0	0·0	0·0	+0·1
Georgetown, ½ (9+15) (1)	+0·1	+0·1	+0·2	+0·2	+0·2	+0·3	+0·3	+0·3	+0·3	+0·3	+0·2	+0·2	+0·2
Apia, Samoa for Suva, Fiji, 9 h. (10) ..	−1·2	−1·3	−1·5	−1·4	−1·5	−1·5	−1·4	−1·4	−1·5	−1·4	−1·3	−1·2	−1·4

TABLE I.—*Corrections to reduce Means of Pressure at various hours or combinations of hours to True Mean.*—continued.

	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
Zone 11.													
Santiago for Punta Tortuga, ⅛ (7+14+21) (1)	−0·3	−0·2	−0·2	0·0	0·0	+0·1	+0·1	0·0	−0·1	−0·1	−0·2	−0·3	−0·1
Mollendo for Iquique, ⅛ (7+14+21) (14)	−0·1	−0·1	0·0	0·0	0·0	+0·1	+0·1	0·0	0·0	−0·1	−0·2	−0·1	0·0
Curityba, ⅛ (7+14+21) (13)	−0·2	−0·1	−0·1	0·0	+0·1	+0·1	+0·1	+0·1	0·0	−0·1	−0·1	−0·2	0·0
Kimberley, ⅛ (8+14+20) (15) ..	0·0	0·0	0·0	0·0	0·0	0·0	+0·1	0·0	0·0	0·0	0·0	0·0	0·0
Johannesburg *and for* Pretoria, 8½ h. (13)	−1·0	−1·1	−1·1	−1·1	−1·0	−1·0	−1·1	−1·3	−1·3	−1·2	−1·1	−1·1	−1·1
Onslow, ⅛ (9+15) (1)	−0·2	−0·2	−0·1	−0·1	−0·1	0·0	0·0	0·0	−0·1	−0·1	−0·1	−0·2	−0·1
Peak Hill, ⅛ (9+15) (1)	0·0	0·0	+0·1	+0·1	+0·2	+0·2	+0·3	+0·3	+0·2	+0·2	+0·1	+0·1	+0·2
Nullagine, ⅛ (9+15) (1)	0·0	0·0	+0·1	+0·1	+0·1	+0·2	+0·2	+0·2	+0·1	+0·1	+0·1	0·0	+0·1
Laverton, ⅛ (9+15) (1)	+0·2	+0·2	+0·2	+0·2	+0·3	+0·3	+0·4	+0·4	+0·4	+0·4	+0·3	+0·3	+0·3
Alice Springs, ⅛ (9+15) (1)	+0·6	+0·5	+0·7	+0·7	+0·8	+0·9	+0·9	+1·0	+1·0	+0·9	+0·9	+0·8	+0·8
William Creek, ⅛ (9+15) (1)	+0·3	+0·3	+0·2	+0·2	+0·3	+0·3	+0·4	+0·4	+0·4	+0·4	+0·4	+0·3	+0·3
Boulia, ⅛ (9+15) (1)	+0·4	+0·4	+0·5	+0·5	+0·6	+0·6	+0·7	+0·7	+0·7	+0·7	+0·6	+0·5	+0·6
Mitchell for Thargomindah, ⅛ (9+15) (1)	0·0	+0·1	+0·1	+0·2	+0·3	+0·3	+0·4	+0·4	+0·5	+0·5	+0·3	+0·2	+0·3
Rockhampton ⅛ (9+15) (1)	−0·2	−0·1	−0·1	0·0	0·0	+0·1	+0·1	+0·1	+0·2	+0·2	+0·1	−0·1	0·0
Zone 12.													
Valdivia for Punta Tumbes, ⅛ (7+14+21) (1)	0·0	0·0	−0·1	−0·1	−0·1	0·0	0·0	0·0	−0·1	−0·1	−0·1	−0·1	−0·1
Santiago *and for* Valparaiso, ⅛ (7+14+21) (1)	−0·3	−0·2	−0·2	0·0	0·0	+0·1	+0·1	0·0	−0·1	−0·1	−0·2	−0·3	−0·1
Porto Alegre for Rio Grande, ⅛ (7+14+21) (1)	−0·2	−0·2	−0·3	+0·1	+0·2	+0·1	+0·1	+0·1	0·0	−0·1	−0·2	−0·2	0·0
Cape Town, ⅛ (8½+12½+20½) (2) ..	−0·4	−0·4	−0·3	−0·3	−0·2	−0·2	−0·2	−0·3	−0·3	−0·3	−0·3	−0·3	−0·3
Cape Town for East London, 8½ h. (2)	−0·5	−0·6	−0·7	−0·7	−0·7	−0·7	−0·7	−0·8	−0·8	−0·7	−0·6	−0·5	−0·7
Breaksea Island for Katanning, ⅛ (9+15) (1)	0·0	0·0	0·0	0·0	+0·1	+0·2	+0·1	+0·2	0·0	+0·1	+0·1	0·0	+0·1
Coolgardie, ⅛ (9+15) (1)	+0·1	+0·1	+0·1	+0·1	+0·2	+0·2	+0·3	+0·3	+0·3	+0·3	+0·2	+0·2	+0·2
Eucla, ⅛ (9+15) (1)	+0·1	+0·1	+0·1	+0·1	+0·1	+0·2	+0·2	+0·2	+0·3	+0·3	+0·2	+0·2	+0·2
Streaky Bay, ⅛ (9+15) (1)	+0·1	+0·1	0·0	0·0	0·0	+0·1	+0·1	+0·1	+0·2	+0·2	+0·2	+0·1	+0·1
Bourke, ⅛ (9+15) (1)	+0·1	+0·2	+0·2	+0·3	+0·4	+0·4	+0·5	+0·5	+0·5	+0·5	+0·4	+0·2	+0·3
Zone 13.													
Santiago, Punta Arenas for Isla Huafo and Punta Galera ⅛, (7+14+21) (1)	−0·3	−0·1	−0·1	0·0	+0·1	+0·1	+0·1	0·0	−0·1	−0·1	−0·1	−0·3	−0·1
Hobart *and for* Launceston, ⅛ (9+15) (1)	+0·2	+0·2	+0·2	+0·1	0·0	+0·1	+0·2	+0·1	+0·1	+0·2	+0·3	+0·3	+0·2
Zone 14.													
Punta Arenas *and for* Islota de los Evangelistas and Punta Dungeness, ⅛ (8+14+20) (1)	−0·1	−0·1	−0·1	0·0	+0·1	+0·1	+0·2	+0·1	0·0	0·0	0·0	−0·1	0·0
South Georgia, ⅛ (8+14+20) (1) ..	0·0	+0·1	0·0	−0·1	−0·1	+0·2	+0·2	+0·2	+0·1	0·0	0·0	+0·1	+0·1

(1) Prepared in M.O.
(2) Buchan, A., *Report on . . . Voyage of H.M.S. "Challenger,"* 1873–76. *Physics and Chemistry*, vol. ii, part v. *Report on Atmospheric Circulation*. London, 1889.
(3) Eredia, F., *Il clima di Roma*, 1911.
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(7) Zi-Ka-Wei, *Bulletin des Observations*, 1910.
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(10) Tetens, O., u. Linke, F., *Das Klima von Samoa*, 1910.
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(15) Sutton, J. R., *Diurnal Variation of Barometric Pressure*, 1907.

Corrections and Additions, 1910–1916.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
1914—		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
338*a*	January. Hamburg	..	..	26·0	1016·8	1020·0	+ 2·4	..	..	..	..	..	..	..	..	..	..	..
338*a*	February. Hamburg	..	..	26·0	1009·5	1012·7	− 2·4	..	..	..	..	..	..	..	..	..	..	..
338*a*	March. Hamburg	..	..	26·0	1000·3	1003·5	− 9·0	..	..	..	..	..	..	..	..	..	..	..
338*a*	April. Hamburg	..	..	26·0	1016·0	1019·1	+ 6·0	..	..	..	..	..	..	..	..	..	..	..
338*a*	May. Hamburg	..	..	26·0	1014·2	1017·3	+ 2·4	..	..	..	..	..	..	..	..	..	..	..
338*a*	June. Hamburg	..	..	26·0	1012·2	1015·3	+ 0·3	..	..	..	..	..	..	..	..	..	..	..
338*a*	July. Hamburg	..	..	26·0	1007·8	1010·8	− 3·0	..	..	..	..	..	..	..	..	..	..	..
338*a*	August. Hamburg	..	..	26·0	1014·7	1017·8	+ 4·1	..	..	..	..	..	..	..	..	..	..	..
338*a*	September. Hamburg	..	..	26·0	1012·4	1015·5	− 0·6	..	..	..	..	..	..	..	..	..	..	..
338*a*	October. Hamburg	..	..	26·0	1013·5	1016·7	+ 2·6	..	..	..	..	..	..	..	..	..	..	..
338*a*	November. Hamburg	..	..	26·0	1009·4	1012·6	− 2·2	..	..	..	..	..	..	..	..	..	..	..
338*a*	December. Hamburg	..	..	26·0	1004·2	1007·4	− 6·5	..	..	..	..	..	..	..	..	..	..	..
338*a*	Year. Hamburg	..	..	26·0	1010·9	1014·1	+ 0·5	..	..	..	..	..	..	..	..	..	..	..

TABLE OF AUTHORITIES, 1914.

No.	Name of Station.	Authority for Current Data.	Remarks.
338*a*	Hamburg	Hamburg, D. Seewarte, Ergebn. der Meteor. Beob., 1914.	**P**=⅛ (8+14+20) reduced to mean of 24 hrs.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
1915—																		
338*a* 845	January. Hamburg	..	..	26·0	997·9	1001·1	−16·5	..	..	..	..	..	..	..	..	..	..	..
	Harrar . .	N 9 42	E 42 30	1856	..	..	..	296·6	300·0	31st	286·1	284·0	1, 2, 23	291·4	−0·4	..	0	− 9
338*a* 845	February. Hamburg	..	..	26·0	1005·1	1008·3	− 6·8	..	..	..	..	..	..	..	..	..	..	..
	Harrar . .	N 9 42	E 42 30	1856	..	..	..	299·7	302·0	27th, 28th	288·0	286·0	10, 12, 14	293·8	+1·1	..	0	− 32
338*a* 845	March. Hamburg	..	..	26·0	1008·5	1011·7	− 0·8	..	..	..	..	..	..	..	..	..	..	..
	Harrar . .	N 9 42	E 42 30	1856	..	..	..	300·8	303·0	sev. dates	289·3	286·0	27th	295·0	+1·5	..	111	+ 35
338*a* 845	April. Hamburg	..	..	26·0	1013·1	1016·3	+ 3·2	..	..	..	..	..	..	..	..	..	..	..
	Harrar . .	N 9 42	E 42 30	1856	..	..	..	300·9	303·0	1st	289·1	287·0	2nd	295·0	+1·2	..	156	+ 37
338*a* 845	May. Hamburg	..	..	26·0	1013·5	1016·6	+ 1·7	..	..	..	..	..	..	..	..	..	..	..
	Harrar . .	N 9 42	E 42 30	1856	..	..	..	302·4	304·0	9th, 10th	289·8	289·0	sev. dates	296·1	+2·3	..	77	− 49
338*a* 845	June. Hamburg	..	..	26·0	1013·6	1016·7	+ 1·7	..	..	..	..	..	..	..	..	..	..	..
	Harrar . .	N 9 42	E 42 30	1856	..	..	..	300·9	304·0	7th	289·4	288·0	11, 14, 15	295·2	+2·0	..	127	+ 37
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Estimates not based on at least six equally-spaced observations each day are in *italics*.

Corrections and Additions, 1910–1916—(*cont.*)

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
1915—(*cont.*).																		
	July.	° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
338*a*	Hamburg . .	..	..	26·0	1008·8	1011·9	− 1·9	..	..	..	..	..	..	..	..	..	..	..
845	Harrar . .	N 9 42	E 42 30	1856	..	..	..	299·1	302·0	4th	288·8	288·0	sev. dates	294·0	+2·1	..	74	− 35
	August.																	
338*a*	Hamburg . .	..	..	26·0	1010·6	1013·7	0·0	..	..	..	..	..	..	..	..	..	..	..
845	Harrar . .	N 9 42	E 42 30	1856	..	..	..	299·1	301·0	sev. dates	288·2	287·0	6th	293·6	+2·1	..	117	− 43
	September.																	
338*a*	Hamburg . .	..	..	26·0	1012·6	1015·7	− 0·4	..	..	..	..	..	..	..	..	..	..	..
845	Harrar . .	N 9 42	E 42 30	1856	..	..	..	299·6	302·0	5th	288·1	287·0	14, 15, 16	293·8	+1·3	..	127	+ 32
	October.																	
338*a*	Hamburg . .	..	..	26·0	1017·2	1020·4	+ 6·3	..	..	..	..	..	..	..	..	..	..	..
845	Harrar . .	N 9 42	E 42 30	1856	..	..	..	299·8	301·0	sev. dates	288·4	287·0	6th, 7th	294·1	+1·1	..	69	+ 34
	November																	
338*a*	Hamburg . .	..	..	26·0	1008·3	1011·5	− 3·3	..	..	..	..	..	..	..	..	..	..	..
845	Harrar . .	N 9 42	E42 30	1856	..	..	..	299·4	301·0	16th	288·5	287·0	27th, 28th	294·0	+1·5	..	5	− 10
	December.																	
338*a*	Hamburg . .	..	..	26·0	1002·7	1005·9	− 8·0	..	..	..	..	..	..	..	..	..	..	..
845	Harrar . .	N 9 42	E 42 30	1856	..	..	..	297·1	301·0	3rd	286·1	283·0	29, 30, 31	291·6	−0·9	..	0	− 10
	Year.																	
338*a*	Hamburg . .	..	..	26·0	1009·3	1012·5	− 2·1	..	..	..	..	..	..	..	..	..	..	..
845	Harrar . .	N 9 42	E 42 30	1856	..	..	..	299·6	304·0	{May 9, 10 / June 7}	288·3	283·0	{Dec. 29, 30, / 31}	294·0	+1·3	..	863	− 33

TABLE OF AUTHORITIES, 1915.

No.	Name of Station.	Authority for Current Data.	Period of Normals.	Remarks.
338*a*	Hamburg . .	Hamburg, D. Seewarte, Ergebn. der Meteor. Beob., 1915.	**P,** 1876–1910.	**P**=$\frac{1}{3}$ (8+14+20) reduced to mean of 24 hrs.
845	Harrar . . .	Cairo, Physical Dept., Meteor. Rep., 1915.	**T,** 1909–18. **R,** 1902–04; 08–18.	..

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
1916—																		
	January.																	
338*a*	Hamburg . .	..	..	26·0	1013·8	1017·0	− 0·6	..	..	..	..	..	..	..	..	..	..	..
1527	South Orkneys .	..	..	..	..	..	..	274·7	280·0	24th, 25th	271·6	269·9	19th	273·1	..	..	..	..
	February.																	
338*a*	Hamburg . .	..	..	26·0	1007·1	1010·3	− 4·8	..	..	..	..	..	..	..	..	..	..	..
1527	South Orkneys .	..	..	..	..	..	..	275·1	279·9	20th	271·5	..	24th	273·3	..	..	..	..
	March.																	
338*a*	Hamburg . .	..	..	26·0	1003·6	1006·8	− 5·7	..	..	..	..	..	..	..	..	..	..	..
1527	South Orkneys .	..	..	..	..	..	..	273·8	..	31st	269·8	..	26th	271·8	..	..	..	..
	April.																	
338*a*	Hamburg . .	..	..	26·0	1008·6	1011·8	− 1·3	..	..	..	..	..	..	..	..	..	..	..
1527	South Orkneys .	..	..	..	..	..	..	271·6	..	13th	263·5	..	19th	267·5	..	..	..	..
	May.																	
338*a*	Hamburg . .	..	..	26·0	1010·9	1014·0	− 0·9	..	..	..	..	..	..	..	..	..	..	..
1527	South Orkneys .	..	..	..	..	..	..	264·6	..	8th	255·6	..	20th	260·1	..	..	..	..
	June.																	
338*a*	Hamburg . .	..	..	26·0	1008·3	1011·4	− 3·6	..	..	..	..	..	..	..	..	..	..	..
1527	South Orkneys .	..	..	..	..	..	..	266·0	..	23rd	258·5	..	4th	262·3	..	..	..	..
	July.																	
338*a*	Hamburg . .	..	..	26·0	1011·9	1015·0	+ 1·2	..	..	..	..	..	..	..	..	..	..	..
1527	South Orkneys .	..	..	..	..	..	..	267·2	..	26th	256·2	..	5th	261·7	..	..	..	..
	August.																	
338*a*	Hamburg . .	..	..	26·0	1008·7	1011·8	− 1·9	..	..	..	..	..	..	..	..	..	..	..
1527	South Orkneys .	..	..	..	..	..	..	270·1	..	27th	260·7	..	17th	265·4	..	..	..	..
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Estimates not based on at least six equally-spaced observations each day are in *italics*.

Corrections and Additions, 1910–1916—(*cont.*)

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
1916—*cont.*																		
	September.	° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
338*a*	Hamburg . .	..	..	26·0	1012·7	1015·8	− 0·3	..	..	..	..	..	..	..	..	..	..	..
1527	South Orkneys .	..	..	..	..	..	..	266·3	..	3rd	255·4	..	24th	260·9	..	..	..	..
	October.																	
338*a*	Hamburg . .	..	..	26·0	1010·4	1013·6	− 0·5	..	..	..	..	..	..	..	..	..	..	..
1527	South Orkneys .	..	..	..	..	..	..	272·0	..	18th	265·1	..	10th	268·5	..	..	..	..
	November.																	
338*a*	Hamburg . .	..	..	26·0	1009·4	1012·6	− 2·2	..	..	..	..	..	..	..	..	..	..	..
1527	South Orkneys .	..	..	..	..	..	..	273·9	..	22nd	269·9	..	13th	271·9	..	..	..	..
	December.																	
338*a*	Hamburg . .	..	..	26·0	1001·8	1005·0	− 8·9	..	..	..	..	..	..	..	..	..	..	..
1527	South Orkneys .	..	..	..	..	..	..	274·4	..	30th	271·0	..	2nd	272·7	..	..	..	..
	Year.																	
338*a*	Hamburg . .	..	..	26·0	1008·9	1012·1	− 2·5	..	..	..	..	..	..	..	..	..	..	..
1527	South Orkneys .	..	..	..	..	..	..	270·8	280·0	Jan. 24, 25	264·1	..	July 5	267·5	..	..	..	..
		′	°	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

TABLE OF AUTHORITIES, 1916.

No.	Name of Station.	Authority for Current Data.	Remarks.
338*a*	Hamburg	Hamburg, D. Seewarte, Ergebn. der Meteor. Beob., 1916.	**P**=$\frac{1}{3}$ (8+14+20) reduced to mean of 24 hrs.
1527	South Orkneys . . .	MS. data supplied by Mr. R. C. Mossman.	..

* Mean of max. and min. or of observations at fixed hours. † Estimates not based on at least six equally-spaced observations each day are in *italics*.

1910–1913 :—

423. *St. John, N.B.* Height : *for* 21·3 m. *read* 24·7 m.

1910–1916 :—

539*a*. *Malta.* Height should be 56·4 m.

1914 :—

423. *St. John, N.B.* Height should be 24·7 m. from January to October. Height changed in November to 36·2 m.

1914–1915 :—

1372. *Wellington.* A correction of +0·3 mb. should be applied to the M.S.L. pressure values and the differences from normal.

1915 :—

464. *Vladivostok.* April : Precip. diff. from normal should *read* 0.

1142. *Johannesburg.* A correction of +1·6 mb. should be applied to the pressure values and differences from normal.

1916 :—

253. *Doudinka.* August : Precip. diff. from normal should be deleted.

254. *Touroukhansk.* August : Precip. diff. from normal should *read* +9.

359. *Tchita.* Temp. diff. from normal, February : *for* +4·1 *read* +1·4.

633. *Izaña.* March : True mean Temp. should be in italics.

752. *Kodaikanal.* Mean Min., May : *for* 295·6 *read* 285·6.

843. *Mongalla.* Pressure values for November and December are unreliable and should be deleted.

1072. *Suwa, Fiji.* Wind Resultant Direction, March : *for* 120° *read* 60°.

1123. *Catamarca.* Height, September and November : *for* 510 m. *read* 529 m.

1124. *Salta.* Pressure at Stat. Lev., January to June ; and P. diff. from normal, January to December : A correction of −1·7 mb. should be applied to these values

1125. *Goya.* Height, September and November : *for* 26 m. *read* 38 m.

1142. *Johannesburg.* A correction of 1·6 mb. should be applied to the pressure values and differences from normal.

RÉSEAU MONDIAL, JANUARY 1916

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF JANUARY 1916 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE.

Between Latitude 80° N. and 70° N. — JANUARY—ZONE 1.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
123	Inglefield Bay	77 20	67 30	?	1000·6	..	− 6·2	..	..	..	..	..	..	..	..	*246·0*	1	..
124																		
125	Upernivik	72 47	W56 7	18·9	997·6	1000·1	− 5·5	256·5	267·3	18th	250·1	243·2	29th, 30th	253·3	+2·1	*253·1*	1	− 11
126																		
139	Spitsbergen (GreenHarbour)	78 2	E 14 14	11·4	999·6	1001·2	− 5·7	..	265·8	26th	242·5	227·3	6th	..	−6·5	248·4	28	− 3
140																		
141	Gjesvaer	71 6	25 22	6·5	994·6	995·4	− 7·4	..	278·0	29th	266·7	258·8	16th	..	−0·8	*268·6*	32	− 18
142	Mehavn	71 1	27 47	6·4	995·6	996·4	− 5·0	..	276·4	30th	264·7	254·5	16th	..	−0·7	*267·6*	37	− 34
143	Vardö	70 22	31 8	10·0	996·7	998·0	− 6·8	..	274·4	31st	264·7	255·2	16th	..	+0·2	*267·7*	78	+ 8
147	Malye Karmakouly	72 23	52 43	14·8	1001·8	1003·8	− 3·9	..	267·8	31st	..	..	..	..	−3·6	*253·0*	..	..
148	Waigatz	70 24	58 47	11·2	1002·2	1003·7	− 5·0	..	264·1	5th	248·1	240·5	16th	..	..	*251·8*	4	..
		N.	E.															

Between Latitude 70° N. and 60° N. — JANUARY—ZONE 2.

		N.	W.															
203	Nome	64 31	165 24	4·6	1024·9	1025·5	+12·5	..	..	..	257·7	241·3	..	..	..	..	47	+ 26
204	Candle	65 55	161 57	2·4	..	..	..	263·1	274·7	1st, 13th	253·8	229·7	21st	258·4	..	..	..	..
205	Tanana	65 8	152 0	73·8	1022·9	1033·2	+15·8	255·8	271·9	..	245·4	219·1	..	250·6	+2·8	..	25	+ 12
206	Rampart	65 30	150 15	122	..	..	..	253·9	273·0	17th	244·2	221·3	20th, 21st	249·0	..	..	15	+ 2
207	Valdez	61 7	146 16	8·2	1021·7	1022·8	+14·5	266·4	283·0	..	256·4	245·2	..	261·4	−3·9	..	17	− 73
208	Eagle	64 46	141 12	248	998·9	1033·5	+15·2	251·1	266·3	..	240·8	218·0	..	246·0	−0·2	..	27	+ 16
209	Dawson	64 4	139 20	328	992·5	1039·4	+16·7	243·0	263·6	5th	237·4	223·0	22nd	240·2	−2·3	..	22	0
210	Carcross	60 11	134 34	662	..	..	..	254·3	272·4	5th	243·1	229·7	23rd, 25th	248·7	−4·3	..	8	− 5
211	Fort Good Hope	66 15	128 53	65·2	1022·7	1032·2	..	252·7	273·0	15th	237·6	217·4	9th	245·1	..	..	18	..
212	Fort Simpson	61 52	121 35	129	1012·2	1030·1	..	253·0	271·9	16th	241·3	230·2	9th	247·2	+2·6	*247·5*	4	− 10
213	Hay River	60 51	115 20	161	1006·4	1029·4	..	249·1	268·0	16th	239·7	226·9	10th	244·4	−1·5	..	6	..
214																		
225	Jacobshavn	69 13	51 2	12·6	995·0	996·6	− 7·7	261·9	272·0	2nd, 7th	255·8	243·7	30th	258·9	+3·3	*258·7*	15	+ 6
226	Godthaab	64 11	51 44	9·0	988·7	989·9	− 8·4	268·0	277·2	7th	263·2	256·6	30th	265·6	+2·6	*265·6*	5	− 33
227	Ivigtut	61 12	48 10	5·0	989·1	989·7	− 7·8	269·1	278·7	2nd	264·2	254·5	30th	266·7	+1·5	*267·0*	33	− 49
229	Angmagsalik	65 37	37 34	31·7	984·6	988·6	− 8·1	269·4	276·5	18th	261·9	253·8	9th	265·7	+1·3	*266·5*	43	− 44
231	Stykkisholm	65 5	22 46	11·3	986·6	988·0	− 9·2	274·9	281·5	30th	269·3	264·5	15th	272·1	+1·2	*272·0*	87	+ 13
232	Vestmanno	63 26	20 15	7·7	987·1	988·1	− 9·3	277·7	281·4	30th	271·7	264·3	26th	274·7	+0·9	*275·4*	214	+ 68
233	Grimsey	66 33	17 58	22·0	..	..	..	274·7	281·0	30th	269·8	266·1	16th	272·3	+1·4	*272·6*	7	− 10
233a	Akureyri	65 40	18 4	6·8	989·1	990·0	− 9·5	..	..	..	..	..	..	..	..	..	..	..
234	Berufjord	64 40	14 19	18·0	987·1	989·3	− 9·5	276·5	280·2	30th	269·6	264·6	26th	273·1	+1·5	*273·5*	260	+131
235	Thorshavn	62 3	6 45	25·7	991·9	995·0	− 9·2	280·1	282·8	24th	274·1	269·6	14th	277·1	+1·0	*277·1*	231	+ 56
236	Lerwick	60 9	W 1 8	18·0	999·3	1001·5	− 5·1	280·3	281·9	9th, 25th	276·1	273·0	14th	278·2	+1·3	*278·6*	274	+166
237																		
238	Bergen (Met. Obs.)	60 24	E 5 19	44·4	997·1	1002·6	− 7·4	..	281·5	25th	274·5	267·5	15th	..	+2·0	*276·4*	322	+154
239	Christiansund	63 7	7 45	17·8	995·6	997·8	− 9·3	..	281·2	25th	274·2	268·4	14th	..	+1·6	*276·3*	144	+ 32
240	Trondhjem	63 26	10 25	39·5	994·3	999·2	− 8·8	..	279·8	25th	269·5	260·0	18th	..	+2·0	*272·3*	79	− 27
241	Bodö	67 17	14 24	22·4	992·7	995·5	− 9·7	..	278·6	31st	269·4	261·0	17th	..	+0·8	*272·2*	117	+ 27
242	Haparanda	65 50	24 9	9·2	998·0	999·2	−11·0	267·3	275·1	31st	258·7	244·5	17th	263·0	+2·0	*263·7*	47	+ 8
242a	Helsingfors	60 10	24 57	12·0	1001·6	1003·1	−11·3	271·1	276·2	26th	266·5	248·5	15th	268·8	+1·6	268·9	65	+ 23
243	Kuopio	62 54	27 40	90·3	989·2	1000·8	−12·6	268·4	274·6	20th	262·4	238·0	14th	265·4	+2·3	*266·0*	57	+ 11
244	Kola	68 53	33 1	6·7	998·7	999·6	− 7·2	264·4	274·0	30th	256·7	239·6	17th	260·6	−0·1	*261·3*	17	+ 5
245	Petrozavodsk	61 47	34 23	38·9	997·6	1002·6	−12·1	..	276·0	4th	..	..	..	..	+3·5	*266·3*	21	− 5
246	Arkhangelsk	64 35	40 36	5·8	1000·7	1001·5	−10·4	265·1	274·4	21st	259·4	242·8	14th	262·2	+2·8	*262·3*	45	+ 22
247	Mezen	65 50	44 16	12·6	999·6	1001·2	− 9·6	263·0	273·4	21st	256·9	239·7	14th	260·0	+2·0	*260·1*	31	+ 21
248	Oust-Tsylma	65 25	52 14	? 70	994·7	1004·0	−12·4	259·7	269·5	24th	252·2	240·1	2nd	256·0	+1·7	*256·3*	40	..
248a	Tcherdyn	60 24	56 31	?177	987·1	1010·4	− 9·5	..	271·6	25th	255·4	237·4	4th	..	+4·1	*258·3*	53	+ 21
249	Berezov	63 56	65 4	39·9	1004·3	1009·8	− 7·9	255·9	270·0	25th	247·4	224·5	4th	251·6	+2·4	*251·9*	25	+ 10
250	Obdorsk	66 31	66 35	23·7	1005·8	1009·0	− 6·8	..	265·6	27th	244·4	227·0	4th	..	+1·0	*248·4*	24	+ 16
251	Sourgout	61 15	73 24	? 40	1009·5	1015·0	− 6·4	..	272·2	13th	250·5	224·5	5th	..	+5·5	*254·6*	35	+ 20
252																		
253	Doudinka	69 23	86 4	20	1012·7	1015·4	− 3·0	..	263·4	29th	240·5	223·2	1st	..	..	*244·5*	5	..
254	Touroukhansk	65 47	87 57	45	1015·0	1021·2	− 1·1	..	269·5	14th	244·0	215·4	1st	..	+4·3	*248·7*	23	+ 9
261	Olekminsk	60 22	120 26	155	1006·6	1029·0	− 0·5	..	266·8	16th	234·0	220·5	2nd	..	+0·5	*239·4*	8	− 1
262	Iakoutsk	62 1	129 43	108	1010·2	1026·6	− 4·1	..	253·0	16th	224·0	214·0	1st	..	−1·0	*228·6*	8	− 1
263	Verkholansk	67 33	133 23	100	1003·4	1018·6	− 4·4	..	256·4	5th	221·5	212·9	13th	..	−3·7	*226·2*	4	0
264	Oust-Maiskoe	60 25	134 29	?100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
271	Markovo-sur-Anadyr	64 45	170 50	25·0	1008·7	1012·1	− 4·7	254·0	272·6	26th	244·1	222·7	16th	249·0	+4·4	..	41	+ 34
272	Novo-Mariinskii Post	64 45	177 33	5·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N.	E.															
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Estimates not based on at least six equally-spaced observations each day are in *italics*.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
303	Dutch Harbor	53 54	166 32	4·0	..	..	..	277·8	281·9	..	272·0	264·7	..	274·9	+1·2	..	66	− 69
304																		
305	Kodiak	57 47	152 22	1·8	1023·5	1023·7	+17·3	275·4	283·6	..	269·1	259·7	..	272·2	..	..	2	− 89
306																		
309	Sitka	57 4	135 20	27·4	1014·2	1017·7	+ 9·2	272·3	283·0	..	264·2	253·0	..	268·3	−4·5	..	26	−143
310	Prince Rupert	54 18	130 18	51·8	1005·1	1011·8	+ 0·3	269·7	279·7	16th	263·6	251·9	23rd	266·6	−7·4	..	80	−169
311	Barkerville	53 2	121 35	1274	863·5	..	..	256·3	266·9	6th, 20th	246·3	233·0	13th	251·3	−13·1	*251·3*	36	− 35
312	Kamloops	50 42	120 29	385	976·1	1027·5	+ 4·5	256·9	273·0	20th	250·2	239·7	11th	253·6	−14·1	*253·6*	17	− 6
313	Calgary	51 2	114 2	1045	893·8	..	..	256·3	275·2	19th	245·8	232·4	27th	251·1	−10·4	*251·1*	20	+ 7
314	Fort Chipewyan	58 42	111 10	218	999·0	1030·5	..	248·0	269·1	16th	239·7	225·8	11th	243·8	−4·8	*243·5*	6	− 17
315	Prince Albert	53 10	106 0	442	965·0	1024·8	+ 4·8	251·3	264·7	18th	242·4	223·0	12th	246·9	−5·0	*247·1*	24	+ 4
316	Qu'Appelle	50 30	103 47	645	938·7	1024·0	+ 5·7	252·4	266·3	21st	243·6	229·7	12th	248·0	−6·9	247·8	28	+ 9
317	Minnedosa	50 15	99 50	515	954·8	1022·1	+ 1·9	254·7	266·3	20th	244·7	233·0	12th	249·7	−4·2	*250·0*	30	+ 13
318	Berens River	52 18	97 23	216	..	..	..	254·1	268·6	20th	243·0	230·2	13th	248·6	−2·6	*249·0*	43	..
318*a*	Port Nelson	57 4	92 36	14·9	1014·7	1016·7	..	247·4	257·4	16th, 30th	238·6	230·2	12th, 13th	243·0	..	..	43	..
319	Fort Hope	51 33	87 49	335	..	..	..	..	..	..	..	..	..	..	..	..	28	− 1
320	Moose Factory	51 14	80 30	9·1	1018·8	1020·0	+ 2·4	259·1	275·8	24th	247·4	234·7	16th	253·3	+0·1	..		..
321	Fort George	53 50	79 5	?	..	..	..	256·0	267·4	9th	245·0	233·6	15th, 26th	250·5	..	..	14	..
322	Mistassini Post	50 15	73 55	383	..	..	..	260·0	278·0	22nd	247·6	232·4	7th	253·8	..	..	89	..
323	Hebron	58 12	62 21	15·0	999·1	1001·1	− 6·5	..	..	..	251·3	242·6	..	..	..	*254·5*	..	..
324	Natashquan	50 8	61 48	?	..	..	..	263·2	274·1	7th	250·5	242·4	16th	256·9	..	..	54	..
325																		
326	Belle Isle	51 23	55 23	133	..	..	..	..	..	..	..	..	..	..	..	..	..	..
334	Cahirciveen (Valencia Obs.)	51 56	10 15	13·7	1017·7	1019·4	+ 5·5	283·7	285·2	2nd	280·1	273·6	30th	281·9	+2·0	282·1	97	− 47
335	Aberdeen	57 10	2 6	26·8	1004·8	1008·1	− 2·3	281·8	285·2	25th	276·4	273·6	27th	279·1	+2·8	279·0	24	− 32
336	Greenwich	51 28	W 0 0	48·5	1016·6	1022·6	+ 7·1	283·2	286·9	1st	277·5	271·3	23rd	280·4	+3·8	280·7	31	+ 2
337	Uccle	50 48	E 4 22	100	1010·7	1023·2	+ 6·2	281·4	285·7	1st	276·3	271·5	31st	278·8	+4·1	279·2	66	+ 25
338	De Bilt	52 6	5 11	3·0	1020·6	1021·0	+ 5·0	281·5	285·4	2nd	276·4	270·7	31st	278·9	+4·8	279·0	75	+ 14
338*a*	Hamburg	53 33	9 58	40	1012·0	1017·0	− 0·6	279·6	283·6	7th	275·1	269·5	31st	277·3	+4·5	*277·5*	197	+ 94
339	Copenhagen	55 41	12 36	5·0	1010·8	1011·4	− 3·8	278·2	281·6	22nd	274·5	267·4	15th	276·3	+6·2	*276·6*	73	+ 63
340	Potsdam	52 23	13 4	84·9	1007·8	1018·5	+ 0·8	278·9	283·2	3rd	274·0	267·5	31st	276·5	+4·4	276·4	33	+ 2
340*a*	Upsala	59 51	17 38	24·0	1001·5	1004·5	− 8·3	272·9	278·3	26th	266·6	250·2	17th	269·7	+1·1	270·1	35	+ 4
341	Warsaw	52 13	21 1	133	1001·5	1018·2	− 0·4	276·2	281·0	22nd	264·9	15th	274·2	+4·7	274·1	77	+ 0
342	Jurjev	58 23	26 43	74·5	995·8	1005·3	− 9·9	271·3	276·1	26th	266·4	246·2	15th	268·9	+2·3	268·7	37	
343	Petrograd	59 56	30 16	4·8	1002·8	1003·4	−11·9	270·6	275·9	26th	265·4	246·5	14th	268·0	+3·3	*268·1*	30	+ 4
344	Kiev	50 27	30 30	183	993·6	1016·8	− 3·7	273·0	277·9	8th	268·7	256·0	19th	270·8	+4·0	*270·9*	36	+ 10
344*a*	Moscow	55 50	37 33	167	987·8	1009·1	−10·2	269·4	275·9	27th	264·2	249·6	14th	266·8	+4·4	*267·0*	16	+ 11
345	Saratov	51 32	46 3	59·9	1008·7	1016·6	− 6·7	..	275·8	24th	262·6	249·4	4th	..	+3·7	265·6	37	+ 21
346	Kazan	55 47	49 8	79·9	1002·4	1012·9	− 8·5	265·5	275·4	24th	250·2	240·7	1st	262·4	+3·3	*262·4*	39	+ 0
347	Orenburg	51 45	55 6	109	1005·6	1020·0	− 5·1	264·7	274·9	13th	258·3	241·6	2nd	261·5	+4·1	*261·6*	29	+ 12
348	Perm	58 1	56 16	163	991·5	1013·0	− 8·1	262·3	273·1	28th	255·7	234·1	4th	259·0	+1·9	*258·8*	49	
349	Ekaterinburg	56 49	60 38	281	978·3	1014·8	− 8·6	262·5	273·8	13th, 25th	256·2	240·3	4th	259·4	+3·0	*259·5*	10	− 7
350	Tobolsk	58 12	68 14	108	1002·7	1017·2	− 4·3	..	275·3	13th	254·1	233·3	4th	..	+3·8	*257·3*	9	+ 2
351	Akmolinsk	51 12	71 23	?347	980·7	1026·3	− 3·0	..	..	..	253·7	238·9	6th	..	+3·3	*258·4*	17	+ 11
352	Omsk	54 58	73 23	87·9	1010·0	1021·9	− 4·2	260·4	271·0	12th	..	..	..	..	+3·6	*256·1*	17	+ 11
353	Barnaoul	53 20	83 48	162	1008·2	1030·0	− 1·8	..	273·0	15th	250·5	231·2	7th	..	+2·3	*256·3*	30	+ 0
354	Tomsk	56 30	84 58	122	1010·3	1027·0	− 0·9	..	270·6	13th	251·3	229·4	6th	..	+1·9	*255·0*	36	
355	Minousinsk	53 43	91 41	249	999·2	1033·2	− 1·4	..	275·8	13th	..	..	..	..	..	*251·5*	7	− 2
356	Eniseisk	58 27	92 10	77·6	1018·0	1028·8	− 0·3	..	275·1	15th	248·3	217·0	2nd	..	+2·9	*253·0*	20	− 2
357	Irkutsk	52 16	104 19	467	971·4	1033·6	− 0·2	..	270·0	15th	247·1	230·2	3rd	..	+0·9	*252·9*	8	+ 11
358	Kirensk	57 47	108 7	263	995·6	1031·8	+ 0·3	..	273·7	15th	245·3	218·7	3rd	..	+3·8	*249·6*	31	+ 5
359	Tchita	52 2	113 30	687	939·6	1029·2	− 4·6	..	271·4	15th	246·6	231·8	4th	..	+7·5	*252·8*	6	+ 3
360	Blagoveshchensk Priisk	58 10	114 19	490	963·8	1030·7	− 4·4	..	272·3	16th	241·2	222·2	4th	..	..	*245·8*	19	+ 5
360*a*	Nertchinskii Zavod	51 19	119 37	626	946·0	1029·9	− 3·4	..	261·1	16th	242·0	235·2	5th	..	+3·2	*246·6*	10	
361	Tygan Ourkan	54 5	124 46	379	974·4	1026·1	..	254·7	262·3	28th	239·7	229·3	1st	247·2	..	*247·0*	7	+ 1
362	Blagoveshchensk (Bureau Météor.)	50 16	127 30	142	1004·8	1024·4	− 0·4	255·8	263·0	17th	245·1	235·2	1st	250·4	+2·3	*250·3*	3	..
363	Paikanskii Sklad	50 11	130 7	145	1003·6	1024·1	..	252·4	259·0	18, 21, 31	236·7	227·1	4th	244·5	..	*244·2*	3	− 1
364																		
365	Nikolaevsk-sur-Amour	53 8	140 45	21·2	1012·6	1015·5	− 1·2	..	261·8	19th	242·4	230·3	3rd	..	−1·1	*248·0*	10	− 1
366	Okhotsk	59 21	143 12	6·0	1010·3	1011·1	− 4·4	248·6	260·1	20th	243·1	233·8	16th	245·8	−3·1	*245·9*	1	
367																		
368	Petropavlovsk (Radio)	53 0	158 39	13·5	1001·2	1003·0	− 1·1	262·2	273·7	19th	255·0	239·1	15th	258·6	..	*258·8*	64	
369		N.	E.															
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Estimates not based on at least six equally-spaced observations each day are in *italics*.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean	Temperature. Diff. from Normal.	Temperature. † 24hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
411	Victoria, B.C.	48 24	123 19	70·1	1002·0	1010·9	− 4·4	274·1	281·9	22nd	269·1	263·6	11th	271·6	−5·6	271·7	107	− 8
412	Portland, Oregon	45 32	122 41	46·6	1006·3	1011·8	− 6·3	274·2	285·2	22nd	269·2	262·4	12th	271·7	−4·9	*272·0*	145	− 23
413	Macleod	49 44	113 24	954	..	..	..	255·0	272·4	7th	243·4	230·8	26th	249·2	−16·3	..	28	+ 11
414	Helena	46 34	112 4	1253	870·3	1022·0	− 1·2	259·6	284·7	23rd	249·5	237·4	29th	254·6	−11·8	*254·5*	32	+ 7
414*a*	Salt Lake City	40 46	111 54	1329	862·6	1013·2	− 7·9	275·6	284·1	8th	267·5	260·2	12th	271·6	+0·7	*272·0*	50	+ 16
415	Cheyenne	41 8	104 48	1856	806·8	1016·9	− 1·5	270·9	284·7	23rd	259·1	244·7	16th	265·0	−3·4	*266·0*	16	+ 6
416	North Platte	41 8	100 45	859	918·0	1022·7	+ 2·3	269·6	286·3	23rd	257·6	243·0	13th	263·6	−3·6	*263·5*	22	+ 11
416*a*	Bismarck	46 47	100 38	511	959·0	1024·7	+ 3·9	258·5	275·2	21st	246·4	230·2	13th	252·4	−6·7	*252·2*	21	+ 8
417	Winnipeg	49 53	97 7	232	991·2	1022·6	+ 2·8	256·3	267·4	29th	246·9	232·4	12th	251·6	−1·2	252·4	85	+ 64
418	Duluth	46 47	92 6	345	975·3	1019·3	+ 0·6	263·9	276·3	24th	252·2	236·9	13th	258·1	−1·0	*258·4*	88	+ 59
419	Port Arthur	48 27	89 12	196	993·0	1018·8	+ 1·4	265·2	275·8	25th	253·0	240·2	13th	259·1	+1·0	*259·1*	50	+ 31
420	Chicago	41 53	87 37	251	989·4	1020·6	+ 1·8	275·6	289·7	27th	266·8	251·9	13th	271·2	+2·6	*272·0*	123	+ 70
421	Toronto	43 40	79 24	116	1005·4	1020·2	+ 2·7	275·2	284·1	26th, 31st	267·4	255·8	14th	271·3	+3·8	271·5	64	− 9
422	New York (Central Park)	40 46	73 58	30·2	1019·5	1023·3	+ 4·6	279·4	293·6	27th	270·9	259·1	15th	275·2	+2·9	275·3	33	− 56
423	St. John, N.B.	45 17	66 4	36·2	1013·9	1018·5	+ 2·9	271·3	280·2	22nd	261·9	250·2	18th	266·6	+0·7	266·7	71	− 51
424	S.W. Point, Anticosti	49 24	63 33	9·1	1012·9	1014·1	+ 2·2	270·2	275·2	6th, 23rd	250·8	233·0	15th, 24th	260·5	−1·9	..	77	+ 22
424*a*	Sable Island (Main Station)	43 57	60 6	7·6	1017·5	1018·5	+ 3·8	274·1	280·8	6th	268·6	261·3	18th	271·3	−1·0	..	78	− 64
425	Port aux Basques	47 35	59 10	9·1	1011·7	1012·9	+ 1·6	270·2	277·4	6th	263·6	255·8	29th	266·9	−0·3	..	217	+ 70
426	St. John's, Newfoundland	47 34	52 42	38·1	1001·9	1006·8	− 3·0	270·8	280·8	6th	264·1	256·3	29th	267·4	−1·3	..	74	− 72
435	Madrid																	
436	Nantes	40 24	3 41	655	951·9	1030·7	+ 8·8	285·0	289·3	5th	272·4	269·5	13th, 29th	278·7	+0·9	278·1	3	− 30
437		47 15	W 1 34	36·5	1024·0	1028·5	+10·3	283·7	286·2	1st	278·8	272·0	16th	281·3	+3·9	281·4	42	− 16
438	Paris (Parc St. Maur)	48 49	E 2 29	50·3	1020·9	1027·2	+ 8·8	282·8	287·1	3rd	276·6	272·2	9th	279·7	+4·7	280·0	25	− 14
438*a*	Marseilles	43 18	5 23	74·8	1016·0	1025·3	+ 8·3	286·0	291·1	2nd	276·7	270·5	11th	281·3	+1·6	280·9	2	− 52
439	Zürich	47 23	8 33	493	968·5	1029·0	+ 7·3	280·2	285·9	7th	273·9	268·7	17th	277·0	+5·1	276·6	61	+ 8
440	Rome	41 54	12 28	50·6	1017·5	1023·5	+ 6·1	285·1	287·2	6th, 23rd	276·8	273·2	27th	281·0	+0·7	*280·4*	12	− 67
440*a*	Buda-Pesth	48 15	16 22	203	997·6	1023·2	+ 2·8	280·1	286·2	7th	275·3	270·0	31st	277·7	+7·0	277·8	66	+ 29
441	Monastir	47 31	19 1	130	1006·9	1023·0	+ 2·0	279·6	286·9	8th	274·2	270·5	15th	276·9	+5·4	*276·6*	33	− 5
442	Bucharest	44 25	26 6	82	1011·9	1022·3	+ 0·7	278·3	283·6	27th	271·0	265·5	20th	274·7	+4·8	274·3	10	− 21
443	Odessa (University)	46 29	30 44	65·3	1012·7	1021·1	− 0·1	275·5	279·7	8th	270·9	263·6	19th	273·2	+3·6	*273·4*	13	− 13
444	Kharkov (University)	50 0	36 14	140	999·8	1017·7	− 4·7	271·0	275·7	8th, 9th	265·9	253·1	20th	268·4	+3·4	*268·6*	25	− 9
444*a*	Novorossiisk	44 44	37 49	37·1	1015·8	1020·4	+ 0·5	278·8	284·6	9th	272·2	264·1	20th	275·5	+0·5	*275·6*	66	− 4
445	Tiflis	41 43	44 48	404	971·6	1021·2	− 2·3	280·4	286·3	11th	269·3	265·4	24th	274·8	+2·1	*275·3*	5	− 10
446	Astrakhan	46 21	48 2	−13·8	1023·0	1021·2	− 3·0	272·0	277·2	24th	267·0	256·2	1st	269·5	+3·5	*269·5*	19	+ 6
447	Fort Alexandrovsk	44 30	50 16	24	1016·8	1019·8	− 4·0	274·8	280·9	11th	270·1	260·3	2nd	272·4	+3·4	*272·2*	18	+ 9
448	Krasnovodsk	40 0	52 59	−14·6	1022·0	1020·2	− 2·8	280·3	288·3	13th	274·4	270·0	3rd, 21st	277·4	+1·7	*277·1*	23	+ 9
449	Aralskoe More																	
450	Tachkent	46 47	61 42	57·0	1018·6	1026·2	0·0	265·4	273·5	18th	257·9	245·9	6th	261·6	+4·4	*261·9*	7	..
451	Narynskoe	41 20	69 18	479	964·6	1023·0	− 3·3	280·8	291·0	14th	271·4	254·9	3rd	276·1	+3·9	*275·7*	47	− 4
452	Vernyi	43 16	76 53	?825	924·5	1025·1	− 3·9	273·6	284·5	16th	264·0	247·8	7th	268·8	..	*268·2*	25	..
461	Mukden	41 48	123 23	43·8	1022·0	1027·8	− 0·1	268·8	276·6	20th	256·5	246·0	23rd	262·7	+2·8	262·3	10	+ 6
462	Jushin	40 40	129 11	4·0	1022·2	1022·7	+ 0·8	275·0	280·7	22nd	265·9	255·8	5th	270·5	+3·5	270·2	9	− 16
463	Yuki	42 20	130 24	65·6	1015·0	1023·6	..	271·0	276·5	9th	261·9	254·6	5th	266·5	..	266·6	10	..
464	Vladivostok	43 7	131 55	28·8	1019·9	1023·7	+ 0·1	267·2	274·4	30th	257·2	250·0	25th	262·2	+2·4	261·7	28	+ 21
465	Ochiai	47 20	142 44	6·6	1012·5	1013·4	− 1·9	264·2	270·4	21st	250·5	238·0	6th	257·3	+1·6	258·5	41	− 1
466	Nemuro	43 20	145 35	26·7	1009·3	1012·7	+ 1·0	272·4	280·4	9th	265·4	258·2	5th	268·9	+0·8	268·9	19	− 7
466*a*	Syana	45 14 N.	147 53 E.	39·3	1004·7	1009·7	− 1·0	270·6	280·9	9th	265·3	256·8	5th	267·9	+0·2	267·8	60	− 38

Between Latitude 40° N. and 30° N.

JANUARY—ZONE 5 (Western Half).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean	Temperature. Diff. from Normal.	Temperature. † 24hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		N.	W.															
511	San Francisco	37 48	122 26	47·2	1008·8	1014·5	− 5·2	283·9	287·4	2nd	278·8	275·8	27th	281·3	−1·7	*281·0*	371	+246
512	San Luis Obispo	35 18	120 39	61·3	1009·9	1017·6	− 2·0	285·4	289·7	4th	277·6	271·3	12th	281·5	−2·7	*281·5*	464	+324
513	San Diego	32 43	117 10	26·5	1014·3	1017·6	− 0·6	287·6	291·3	23rd	281·2	275·2	12th	284·4	−0·8	*284·4*	192	+136
514	Modena	37 48	113 54	1670	828·5	1013·5	− 6·8	274·2	279·7	3rd	263·3	245·8	12th	268·8	−1·0	*269·4*	88	+ 62
515	Santa Fé	35 41	105 57	2138	783·9	1016·2	− 2·4	276·9	284·1	3rd	267·4	256·3	31st	272·2	+1·1	*272·2*	77	+ 59
516	Denver	39 45	105 0	1613	832·6	1016·9	− 0·9	274·4	291·3	4th	261·3	248·6	12th	267·9	−3·4	*268·0*	13	+ 2
517	Abilene	32 23	99 40	530	956·5	1018·9	− 0·7	286·6	300·2	11th	274·1	260·2	13th	280·3	+0·9	*279·8*	10	− 9
518	Saint Louis	38 38	90 12	173	1000·5	1021·7	+ 1·4	279·2	291·3	1st	269·1	253·0	13th	274·2	+2·1	*274·5*	217	+152
519	Mobile	30 41	88 2	17·4	1020·8	1023·0	+ 2·2	291·3	298·0	7th	282·8	269·1	18th	287·0	+4·4	*287·3*	78	− 38
520	Nashville	36 10	86 47	166	1004·0	1024·4	+ 3·3	285·0	296·3	12th	274·9	258·0	17th	280·0	+4·1	*280·4*	194	+ 75
521	Charleston	32 47	79 56	14·6	1023·6	1025·4	+ 4·3	290·8	298·0	2nd	281·8	270·8	18th	286·3	+3·4	*286·0*	34	− 48
522	Washington	38 54	77 3	34·1	1020·4	1024·7	+ 4·5	282·3	294·7	31st	272·4	259·7	9th	277·3	+3·5	*277·0*	40	− 46
524	Bermuda	32 18	64 46	46·0	1020·3	1025·9	+ 6·5	291·8	294·8	28th	285·3	280·8	10th	288·6	−1·6	*288·5*	43	− 58
530	Santa Cruz (Flores)	39 27	31 9	28	1019·4	1022·4	+ 1·6	290·0	291·6	20th	286·2	279·8	23rd	288·1	+0·9	*288·2*	175	− 45
531	Horta	38 32	28 38	63	1016·6	1023·8	+ 3·6	289·4	291·3	6th	286·4	283·3	27th	287·9	−0·2	*287·6*	71	− 51
532	Ponta Delgada	37 44	25 40	22	1024·0	1025·9	+ 4·6	289·9	291·7	23rd	287·1	284·5	18th	288·5	+1·2	288·5	..	..
532*a*	Faja da Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	68	−100
533	Madeira (Funchal)	32 37	16 54	25	1024·7	1027·7	+ 5·9	291·0	294·0	2nd	286·3	284·6	26th	288·6	0·0	*288·4*	28	− 63
534	Lisbon	38 43	9 9	95	1016·9	1028·6	+ 6·9	286·7	290·0	1st	281·0	277·2	14th, 15th	283·9	+0·5	*283·7*	31	− 59
535	Gibraltar	36 6	5 21	16·2	1025·5	1027·5	+ 8·0	288·5	291·9	8th	282·9	278·6	12, 13, 14	285·7	+0·1	*285·9*	11	−119
536	Melilla	35 18	2 59	8	1029·4	1030·4	+10·0	289·6	292·6	17th	281·1	276·6	13th	285·3	−0·6	*287·5*	33	− 60
		N.	W.															
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Estimates not based on at least six equally-spaced observations each day are in *italics*.

JANUARY—ZONE 5 (Eastern Half). Table representing the Meteorology of the Globe between Latitude 40° N. and 30° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ N.	° ′ E.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
537	Palma	39 34	2 38	23	1024·3	1027·1	+ 7·8	288·1	291·0	1st, 3rd	280·0	278·2	15th	284·0	+0·5	..	9	− 34
538	Algiers (Bouzaréah)	36 48	3 2	344	985·9	1027·6	+ 7·4	285·2	289·5	7th	280·8	277·2	10th	283·0	+0·3	282·8	101	+ 42
539	Tunis	36 48	10 10	33	..	..	..	288·1	291·6	8th	280·2	276·0	18th, 19th	284·1	+0·8	*283·8*	91	+ 12
539a	Malta	35 53	14 30	58·8	..	1022·8	+ 4·8	287·8	289·5	9th	284·1	281·9	15th	285·9	+0·5	*285·5*	87	− 72
540	Riposto	37 41	15 14	14·2	..	1023·9	+ 6·5	287·6	290·8	4th	282·0	280·2	17th	284·8	+0·3	*284·5*	35	− 26
541	Athens	37 58	23 43	107	1007·4	1020·6	+ 2·6	285·5	290·0	9th	278·4	273·5	14th	281·9	+0·7	281·9	29	+ 56
542	Alexandria	31 12	29 53	32·0	1014·3	1018·1	− 0·5	290·8	294·2	1st	283·0	279·5	25th	286·9	−0·2	*286·2*	109	..
543	Cairo (Helwan)	29 52	31 20	116	1004·7	1018·7	− 0·1	289·8	294·5	11th	280·4	276·5	28th	285·1	−1·0	284·7	26	+ 17
544	Nicosia (P.W.D.)	35 9	33 22	159	997·1	1016·2	− 1·0	287·4	291·3	sev. dates	?277·9	273·0	20, 30, 31	?282·7	+0·6	..	86	− 4
544a	Beirut	33 54	35 28	33·7	..	1015·7	− 0·7	288·8	296·2	13th	283·1	277·4	27th	286·0	−0·1	..	183	..
545	Baghdad	33 21	44 28	38·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
546	Busrah	30 31	47 53	7·6	..	..	..	289·9	294·8	6th	279·3	273·1	31st	284·6	+0·6	..	88	+ 56
546a	Lenkoran	38 46	48 51	− 19·3	1022·8	1020·5	− 2·0	..	285·5	13th	274·6	270·0	21st	..	+0·9	*277·1*	80	+ 13
547	Teheran	35 41	51 25	1220	..	..	..	281·1	287·6	17th	272·0	266·9	26th	276·6	+1·9	*276·2*	56	+ 13
548	Meshed	36 16	59 35	946	..	..	..	282·3	288·8	18th	269·0	260·8	25th	275·7	+2·2	..	34	..
549	Seistan	31 0	61 30	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
550	Quetta	30 11	67 3	1677	834·8	..	0·0	286·1	289·8	19th	271·3	264·4	3rd	278·7	+1·4	*278·3*	67	+ 19
551	Peshawar	34 2	71 37	339	979·9	1021·1	+ 0·1	292·2	297·4	29th	277·1	273·1	4th	284·7	+0·9	*283·6*	23	− 20
551a	Lahore	31 34	74 20	214	993·1	1019·4	+ 0·7	294·7	297·6	24th	278·7	274·2	4th	286·7	+1·1	*285·8*	1	− 69
552	Simla	31 7	77 8	2205	782·2	..	+ 1·5	281·9	284·9	31st	276·1	272·7	10th	279·0	+1·3	*278·6*	7	− 6
552a	Leh	34 10	77 42	3503	666·3	..	+ 2·0	273·6	281·2	29th	260·4	256·7	10th	267·0	+1·0	*265·9*	4	..
559	Hang Kow	30 35	114 17	37·0	1023·8	1028·4	+ 0·2	281·8	291·6	21st	273·9	266·3	23rd	277·9	+0·3	*277·4*	29	− 10
560	Tientsin	39 10	117 10	5·0	1028·2	1028·9	+ 0·1	275·7	283·0	15th	265·4	260·4	23rd	270·5	+1·4	*270·0*	1	− 33
561	Shanghai (Zi-Ka-Wei)	31 12	121 26	7	..	1026·5	0·0	283·5	292·9	21st	273·9	262·4	24th	278·7	+1·5	277·8	19	+ 25
562	Jinsen (Chemulpo)	37 29	126 37	67·6	1016·8	1025·5	+ 0·7	277·3	284·2	8th	270·0	261·6	24th	273·7	+3·1	273·2	52	− 20
562a	Nagasaki	32 44	129 52	133	1006·8	1023·2	+ 2·5	285·2	292·5	9th	277·8	272·5	24th, 25th	281·5	+2·0	280·9	43	− 30
563	Kioto	35 1	135 44	42·9	1016·2	1021·6	+ 2·7	284·3	292·9	22nd	272·7	269·2	31st	278·5	+2·3	277·8	52	− 31
564	Tokio	35 41	139 45	21·3	1015·6	1018·2	+ 2·5	284·4	295·1	23rd	272·7	266·8	6th	278·6	+2·3	278·1	27	− 45
565	Kanayama	37 53	140 46	24·6	1014·8	1017·8	+ 1·4	280·7	290·3	9th	271·1	265·0	6th	275·9	+2·2	275·9	10	− 48
566	Miyako	39 38 N.	141 59 E.	30·4	1012·7	1016·5	+ 1·5	281·6	291·5	9th	269·6	264·9	5th	275·6	+2·5	274·8	23	− 48

JANUARY—ZONE 6. Between Latitude 30° N. and 20° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		N.	W.															
605	Honolulu	21 19	157 52	11·6	1011·3	1012·6	− 3·3	297·2	300·2	..	292·1	288·6	..	294·7	+0·3	*295·2*	466	+366
606																		
615	Zacatecas	22 47	102 35	2610	..	..	..	..	..	..	..	..	..	..	..	..	..	..
616	Leon	21 7	101 41	1800	..	..	..	..	..	..	..	..	..	..	..	..	..	..
617	Tulancingo	20 5	98 22	2180	..	..	..	..	294·0	..	..	274·5	..	..	+2·1	286·8	13	− 50
618	Galveston	29 18	94 50	16·5	1018·6	1020·6	+ 0·2	290·8	295·2	7th	284·6	270·2	13th	287·7	+3·2	*287·7*	22	+ 1
618a	New Orleans	29 58	90 4	16·2	..	1022·0	+ 1·6	293·7	299·1	11th	284·8	273·6	14th	289·3	+4·4	*289·1*	113	+ 68
619	Havana	23 8	82 21	24·3	..	1020·7	+ 2·2	299·7	302·0	31st	292·9	291·0	17th	296·3	+1·7	*296·0*	7	− 44
620	Key West	24 33	81 48	6·7	1020·3	1021·0	+ 1·8	298·8	301·3	23rd	293·7	290·8	19th	296·2	+2·1	*295·5*	35	..
621	Nassau, Bahamas	25 5	77 21	3·7	..	..	..	..	..	..	293·6	292·2	8th, 30th	..	+0·7	*295·3*	11	..
622	Watling Island	24 6	74 26	33·5	1017·9	1021·8	+ 3·7	..	299·1	6th	..	294·1	7, 10, 29	..	..	*296·1*	..	..
633	Izaña	28 19	16 30	2367	770·7	..	..	279·3	282·5	15th, 16th	272·3	267·7	27th	275·8	..	275·5	0	− 100
634	La Laguna	28 28	16 20	547	960·2	1024·8	+ 3·0	288·7	290·9	1st	281·1	275·6	16th	284·9	−0·3	*284·3*	10	..
636	Colomb-Béchar	31 38	W 2 13	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
637	Timimoun	29 9	E 0 10	?	..	..	..	291·8	297·0	4th	276·5	273·0	17th	284·1	..	*283·9*	3	..
641	Siwa	29 12	25 29	− 23	..	..	..	..	..	..	..	..	..	..	..	..	..	..
642																		
643	Aswan	24 2	32 53	99·6	1006·3	1018·2	+ 0·4	294·4	302·0	13th	282·5	278·4	27th	288·4	−0·4	*287·6*	..	..
644	Tor	28 13	33 37	1·9	1017·1	1017·4	+ 0·1	292·0	297·0	13th	281·4	277·5	23rd	286·7	−0·3	*286·6*	..	..
647	Bushire	28 59	50 53	4·3	1017·5	1018·1	− 0·6	290·6	296·7	6th	283·2	279·4	23rd	286·9	−0·5	*286·7*	98	+ 56
648	Jask	25 44	57 47	4·0	1017·1	1017·6	− 0·2	297·6	302·2	9th	289·7	287·8	12th, 13th	293·6	+1·1	*293·4*	66	+ 31
649	Robat	29 45	60 55	?	911·6	..	..	290·9	295·9	20th	..	..	..	279·6	..	..	23	− 13
649a	Karachi	24 53	66 57	4·0	1017·7	1018·1	+ 0·3	298·3	303·1	30th	288·9	286·6	9th	293·6	+1·2	*293·4*	5	− 5
650	Hyderabad, Sind	25 24	68 18	29·3	1014·6	1018·0	+ 0·1	299·2	302·3	28th	284·7	281·1	5th	291·9	+1·5	*291·7*	0	− 8
650a	Jacobabad	28 17	68 29	56·7	1012·2	1019·1	+ 0·6	297·2	301·4	24th	280·9	276·8	4 days	289·1	+1·6	*288·4*	0	− 6
651	Jaipur	26 56	75 52	436	968·0	1019·3	+ 0·4	298·1	303·3	31st	282·0	277·4	4th	290·1	+0·9	*289·3*	0	− 6
652	Nagpur	21 8	79 5	310	982·0	1018·1	+ 1·1	301·7	305·4	31st	285·2	282·4	17th	293·4	−0·5	*293·0*	0	− 21
653	Allahabad	25 25	81 51	94·1	1006·8	1018·3	+ 0·5	297·0	302·1	31st	280·5	277·5	5th	288·8	−0·4	*287·9*	0	− 20
653a	Darjiling	27 3	88 18	2266	776·2	..	− 0·1	281·1	285·4	31st	274·6	272·5	10th	277·8	+0·1	*277·4*	9	− 33
654	Calcutta	22 36	88 23	6·4	1016·6	1017·3	+ 0·5	298·2	301·3	23rd	285·5	282·7	6th, 7th	291·9	−0·3	*291·4*	0	− 33
655	Gauhati	26 8	91 41	59·7	1011·5	1018·6	+ 0·8	296·7	298·8	31st	283·7	280·4	12th	290·2	+0·6	*289·5*	1	− 28
655m	Cherrapunji	25 15	91 42	1314	871·1	..	+ 0·7	288·6	291·2	17th	280·6	278·6	3rd	284·6	+0·2	*283·9*	6	− 1
655a	Akyab	20 11	92 56	6·1	1015·5	1016·2	+ 0·9	299·4	301·2	16th	287·5	285·5	4th	293·5	−0·8	*293·0*	0	− 20
656	Mandalay	21 59	96 0	76·2	1008·0	1017·0	+ 1·1	302·6	303·5	31st	286·8	284·9	13th	294·7	+0·4	*294·0*	0	− 31
656a	Tengyueh	24 59	98 35	1633	835·4	..	..	288·4	291·3	15th	273·8	270·8	2nd, 4th	281·1	..	*280·4*	9	− 33
657	Phu Lien	20 48	106 37	116	1005·6	1019·5	+ 1·5	294·9	300·0	5th	286·9	281·3	24th	290·9	−0·2	290·1	3	− 45
658	Moncay	21 31	107 51	9	1018·9	1020·0	+ 1·1	295·1	301·0	5th	283·7	276·4	25th	289·4	−0·2	*291·3*	5	..
659	Hong Kong	22 18	114 10	33·2	..	1019·5	+ 0·1	291·6	296·9	2nd	286·5	277·0	24th	289·1	+0·5	288·0	103	+ 6
660	Amoy	24 27	118 4	ca.3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
661	Taihoku, Formosa	25 2	121 31	9·3	1019·8	1020·9	− 0·2	293·2	299·9	22nd	285·7	278·8	23rd, 24th	289·5	+0·7	288·0	98	+ 5
661a	Santo Domingo	20 28	121 59	18·7	..	1013·8	− 1·4	298·3	302·6	8th	293·5	290·0	24th	295·9	+0·5	*295·8*	144	+ 35
662	Naha	26 13	127 41	10·5	1019·0	1020·3	+ 1·0	294·1	299·4	1st	286·9	280·5	20th	290·5	+0·8	290·2	224	..
665	Titizima (Bonin Islands)	27 5 N.	142 11 E.	4·0	1018·1	1018·6	+ 1·0	294·7	299·1	10th	288·6	284·6	7, 8, 19	291·7	+1·0	291·7	99	− 25
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Estimates not based on at least six equally-spaced observations each day are in *italics*.

Table representing the Meteorology of the Globe between Latitude 20° N. and 10° N. JANUARY—ZONE 7.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
715	Zapotlanejo	19 38	103 37	1529	..	..	..	..	..	..	..	..	..	..	..	..	..	..
716	Morelia	19 42	101 0	1933	..	..	..	..	..	..	..	..	..	..	..	..	..	..
717	Mexico	19 26	99 8	2259	781·3	..	+ 1·3	293·0	295·4	7th	279·3	274·7	6th	286·1	+1·0	286·2	3	0
718	Oaxaca	17 4	96 44	1563	..	..	..	..	..	..	..	..	..	..	..	..	..	..
718a	Salina Cruz	16 12	95 16	56·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
719	San Salvador	13 42	89 12	684	937·7	1014·5	+ 1·1	297·1	311·6	12th	294·0	285·3	27th	295·5	+0·6	*295·8*	..	..
720	Belize	17 29	88 12	5·2	..	..	..	..	301·3	..	..	295·2	..	..	..	..	30	+ 28
721	Jamaica (Negril Point)	18 15	78 23	10·1	..	1015·9	+ 0·8	303·1	304·8	23rd	293·8	290·0	28th	298·0	+0·8	*298·3*	177	+ 13
722	Port au Prince	18 34	72 22	37·4	1012·7	1017·0	+ 1·4	305·3	306·3	21st, 31st	293·4	291·7	23rd	299·3	+1·1	298·1	13	− 21
723	Caracas	10 31	66 56	1042	899·9	..	+ 0·6	296·9	300·6	17th	286·6	282·4	10th, 24th	291·8	−0·5	*290·8*	12	− 19
723b	St. Croix (Christiansted)	17 45	64 42	6·6	..	..	..	299·2	300·2	18th	296·0	294·6	31st	297·6	−0·3	*297·5*	12	− 11
724	Montserrat	16 41	62 9	39·6	1011·7	1016·2	0·0	300·1	301·9	18th	294·3	290·8	27th, 29th	297·2	..	*296·8*	37	− 23
725	Grenada (Richmond Hill)	12 3	61 45	155	995·8	1013·7	+ 0·6	300·9	303·0	27th	295·1	294·1	sev. dates	298·0	0·0	*297·6*	215	..
	Barbados	13 8	59 36	55·2	..	1014·8	+ 0·5	301·4	302·8	1st	293·8	290·2	9th	297·6	+0·1	*296·4*	107	− 6
731	St. Vincent, C. Verde Is.	16 54	25 4	11	1013·8	1015·1	0·0	295·8	297·0	1, 2, 31	292·7	291·0	18th, 20th	294·3	−0·3	*294·8*	56	− 12
732	San Tiago, C. Verde Is.	14 54	23 31	?40	1010·3	1015·0	− 0·1	298·0	299·5	2nd	293·8	292·0	21st	295·9	+0·6	*295·8*	0	− 4
733	Bathurst	13 24	16 36	1·5	..	1013·2	+ 0·8	302·1	305·2	29th	289·7	287·4	20, 21, 22	295·9	−0·3	*295·7*	0	− 3
734	M'Carthy Island	13 42	14 46	1·1	..	..	..	308·5	310·2	12th	287·9	285·8	23rd, 24th	298·2	−0·3	..	0	0
735	Ségou	13 34	6 17	300	..	..	..	..	..	..	..	..	..	..	..	..	0	− 1
736	Timbuctoo	16 43	W 3 1	270	..	..	..	299·7	303·9	8th	284·9	280·0	26th	292·3	−2·2	*292·0*	..	..
737	Sokoto	13 2	E 5 14	353	..	..	..	305·6	311·3	31st	288·1	283·6	3rd	296·9	+0·4	..	0	..
738	Kaduna Junction	10 50	7 25	640	..	..	..	304·3	309·7	11, 12, 13	286·0	283·6	3rd, 25th	295·1	−0·9	..	0	0
739	Katagum	12 17	10 22	30·7	..	..	..	..	..	..	..	..	..	..	..	..	0	0
740	Maiduguri	11 47	13 11	361	..	..	..	304·9	312·4	30th, 31st	285·5	283·0	3rd, 5th	295·2	−1·2	..	..	..
743	El Obeid	13 11	30 14	569	949·5	1015·1	+ 2·5	299·8	308·3	14th	281·5	277·8	23rd	290·6	−2·8	*289·8*	0	0
743a	Khartoum	15 37	32 33	390	969·5	1013·9	+ 1·5	299·8	307·7	15th	285·6	281·8	22nd	292·7	−2·6	*291·7*	0	0
744	Port Sudan	19 37	37 13	5·9	1014·4	1015·1	+ 0·3	299·2	303·5	14th	290·5	285·9	29th	294·8	−1·5	*294·4*	0	0
745	Berbera, Somaliland	10 22	45 2	10·1	..	1015·7	+ 0·5	301·8	303·6	5th, 31st	293·9	290·2	1st, 2nd	297·9	−0·2	*297·3*	2	− 9
746	Aden	12 45	45 3	28·7	1012·3	1015·6	− 0·7	299·6	301·3	30th, 31st	295·8	293·4	5th	297·7	+0·1	*297·1*	2	− 1
751	Bombay	18 54	72 49	11·3	1014·8	1016·1	+ 0·8	302·0	304·5	14th	293·7	291·1	3rd	297·8	+0·8	*297·4*	0	− 10
751a	Cochin	10 58	76 21	2·7	1014·3	1014·5	+ 1·1	305·4	307·3	15th	294·2	292·7	4th	299·8	−0·2	*299·4*	0	− 2
752	Kodaikanal	10 14	77 28	2343	772·5	..	+ 0·5	292·6	297·6	26th	280·5	277·7	11th	286·5	+0·7	*285·6*	0	− 16
752a	Bangalore	12 59	77 38	920	914·4	1017·0	+ 1·1	300·0	302·6	24th	286·3	283·7	19th	293·2	−0·1	*292·6*	0	− 82
753	Madras	13 4	80 14	6·7	1015·8	1016·4	+ 1·1	302·4	303·3	31st	292·1	290·0	19th	297·3	−0·2	*296·8*	0	− 7
754	Waltair	17 45	83 16	68·9	1009·6	1017·6	+ 1·1	300·4	301·6	31st	292·4	288·7	18th	296·4	−0·2	*296·0*	1	− 22
755	Port Blair	11 40	92 40	17·7	1012·4	1014·4	+ 1·0	302·2	303·9	17th	295·7	293·5	24th	298·9	−1·3	*298·5*	0	− 18
756	Rangoon	16 46	95 48	5·5	1015·3	1016·0	+ 1·5	302·4	304·3	14th	290·4	287·6	20th	296·4	−1·5	*295·3*	0	− 26
757	Saigon	10 47	106 42	11·2	1011·1	1012·4	+ 0·6	304·0	305·4	11th, 12th	292·8	289·0	16th	298·4	−0·8	*297·7*	2	− 14
758	Nhatrang	12 15	109 12	3·6	1013·8	1014·2	− 0·1	300·7	304·4	5th	292·6	289·0	26th	296·7	−0·9	*296·2*	11	− 51
759	Bolinao	16 24	119 53	9·7	..	1010·2	− 2·1	303·5	306·5	4th	294·8	291·4	18th	299·1	0·0	298·9	8	− 3
761a	Vigan	17 34	120 23	12·2	..	1010·5	− 2·1	302·7	306·1	27th	294·7	289·0	17th	298·7	+0·4	298·8	14	+ 13
762	Manila	14 35	120 59	14·2	..	1010·4	− 2·0	303·1	305·8	9th	294·2	290·4	18th	298·7	−0·1	297·8	38	+ 11
765	Ornoc	11 0	124 36	5·6	..	1007·8	− 2·9	301·8	305·8	5th	295·9	294·4	15th	298·9	+0·3	298·4	549	+348
	Guam, Ladrone Is.	13 24 N.	144 38 E.	20·4	..	1008·3	− 1·4	301·8	303·2	17th	296·6	294·6	18th	299·2	+0·3	*299·3*	58	− 4
					mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

Between Latitude 10° N. and 0°. JANUARY—ZONE 8.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		N.	W.															
805	Fanning Island	3 55	159 23	4·3	..	..	..	303·9	305·2	27th	296·8	296·1	19th	300·4	+0·3	*299·6*	3	−281
821	Colon	9 23	79 23	7·6	..	1011·8	+ 0·1	302·3	303·0	9th	298·2	296·3	29th	300·2	+0·7	*299·8*	59	− 39
822	Bogota	4 36	74 6	2645	..	..	..	..	..	..	..	..	..	..	..	..	45	− 18
822a	Merida	8 36	71 10	1641	841·8	..	..	295·4	297·7	19th	287·3	285·2	31st	291·3	..	*290·4*	105	..
824	El Peru, Guayanavieja	7 30	62 0	220	986·0	1011·1	+ 0·1	301·3	302·8	3rd	293·6	291·7	24th	297·4	+0·2	*296·9*	114	+ 14
825	Georgetown, Brit. Guiana	6 50	58 12	1·8	..	1014·1	− 0·4	301·7	302·4	sev. dates	297·1	294·7	10th	299·4	+0·3	*298·7*	150	− 43
826a	Paramaribo	5 49	55 9	3·7	..	..	..	302·0	303·6	10th	295·7	294·0	15th	298·9	+0·2	*297·7*	378	+154
	Cayenne	4 56	52 21	6	..	..	..	302·8	303·8	19th	296·4	293·2	30th	299·6	+0·4	*299·5*	338	− 27
833	Conakry	9 31	13 43	16	1008·6	1010·4	− 0·5	304·4	305·6	..	296·0	294·8	..	300·2	+0·7	*299·7*	0	0
834	Freetown, Sierra Leone	8 30	13 9	68·3	1003·5	1011·4	+ 0·3	305·4	307·4	29th	296·8	294·7	28th	301·1	+0·7	*300·5*	0	− 11
835	Cape Coast Castle	5 5	1 13	?	..	..	..	303·7	305·2	26th	293·8	291·3	7th	298·8	−1·0	*298·2*	0	− 23
836	Accra	5 12	W 0 12	18	..	..	..	304·4	306·3	26th	295·5	291·3	7th*	299·9	+0·2	*299·3*	0	− 18
837	Lagos	6 27	E 3 24	1·8	1010·9	1011·1	− 0·6	304·0	305·4	..	296·2	291·6	..	300·1	−0·1	*299·6*	2	− 26
838	Zungeru	9 49	6 10	130	996·1	1011·0	− 0·2	307·9	310·8	29th, 30th	292·5	289·7	17th	300·2	+0·3	..	0	− 1
838a	Libreville	0 23	9 26	35	1004·0	1008·0	..	305·6	306·6	1st, 11th	296·0	294·5	17, 19, 31	300·8	+1·3	*300·2*	134	−129
839	Yola	9 12	12 30	259	..	..	..	307·2	312·4	31st	292·1	288·6	13th	299·7	0·0	..	0	0
841	Wau	7 42	28 3	440	960·2	1009·1	− 0·3	307·2	312·5	14th, 16th	289·4	285·5	31st	298·3	−1·3	*297·2*	0	− 1
843	Mongalla	5 11	31 47	439	959·0	1007·9	− 0·3	308·8	314·0	16th	291·5	289·0	21st	300·2	−0·6	*299·3*	0	− 2
843a	Malakal (Kodok)	9 35	31 37	394	966·2	1010·3	+ 1·3	307·5	312·6	16th	289·6	287·6	20th, 21st	298·6	−1·5	*296·7*	0	0
844	Entebbe	0 5	32 29	1171	883·4	..	+ 0·1	299·5	301·8	17th	291·0	288·6	10th	295·3	+0·1	*294·4*	19	− 47
851	Harrar	9 42	42 30	1856	..	..	..	296·1	297·0	sev. dates	286·3	284·0	13th	291·2	−0·6	..	5	− 4
852	Mimicoy	8 17	72 49	2·1	1015·5	1015·7	+ 2·5	..	..	..	..	..	..	..	..	..	0	− 48
853	Colombo Observatory	6 54	79 53	7·3	1011·1	1011·9	+ 1·2	303·7	305·5	21st	293·8	290·9	8th	298·7	−0·9	*298·3*	8	− 83
854	Nuwara Eliya	6 59	80 47	1886	..	..	..	294·0	296·4	8th	276·6	272·1	28th, 31st	285·3	−1·6	*284·4*	77	− 64
855	Trincomalee	8 34	81 14	30·2	1010·0	1013·5	+ 1·9	301

JANUARY—ZONE 9.

Table representing the Meteorology of the Globe between Latitude 0° and 10° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
905	Malden Island	4 2	155 1	7·9	1010·0	1011·0	+ 1·5	304·8	306·3	8th	296·1	293·0	30th	300·5	−1·1	*299·8*	33	− 52
921	Quito	0 10	78 35	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
924	Manaos	3 8	60 1	44·9	1006·6	1011·8	− 0·5	303·7	310·0	1st	296·2	294·8	31st	299·9	−0·6	*299·1*	232	+ 10
926	Taperinha	2 30	54 42	20·0	1008·8	1011·1	..	..	..	..	295·4	293·8	31st	..	..	*297·9*	141	− 15
927	Turyassu	1 43	45 27	15·0	1008·8	1010·5	0·0	304·2	306·5	3rd	296·0	292·8	30th	300·1	+0·2	*299·3*	213	− 2
928	Barra do Corda	5 31	45 16	81·0	1000·6	1009·9	− 0·1	305·2	310·0	11th	295·3	294·0	26th	300·3	+0·7	*299·1*	190	− 3
929	Quixeramobim	5 16	39 15	207	987·4	1010·8	− 0·1	305·9	308·2	12th	298·2	295·0	20th	302·0	0·0	*301·3*	73	− 6
930	Fernando Noronha	3 50	W32 55	95·0	999·7	1010·6	− 0·1	300·9	301·9	11th	297·3	295·3	29th	299·1	..	*298·5*	58	..
939	Loanda	8 49	E 13 13	59·3	..	1009·3	− 1·1	301·4	305·5	14th	297·2	295·2	26th	299·3	+0·9	299·0	79	+ 55
940	Brazzaville	4 17	15 16	290	975·5	1008·3	..	304·5	307·5	29th	292·8	291·5	15th, 23rd	298·7	−0·3	*297·9*	103	− 12
943	Masaka	0 21	31 47	?1280	..	..	..	298·1	301·3	13th	289·1	287·4	11, 19, 20	293·6	0·0	*293·1*	24	− 27
944	Nairobi	1 15	36 44	1800	..	..	..	298·0	301·9	19th	283·0	277·7	11th	290·5	−0·1	..	96	+ 52
944*a*	Zanzibar	6 10	39 11	21·9	1010·7	1013·1	+ 0·2	303·9	306·7	21st	299·7	295·2	21st	301·8	+0·6	*301·3*	41	− 44
945	Lamu	2 16	40 54	3·1	..	..	..	301·9	304·1	27th	296·9	295·8	7th	299·4	−0·9	*299·0*	0	− 1
947	Seychelles, Port Office	4 37	55 27	4·6	1011·3	1011·8	+ 0·3	301·4	302·7	24th	298·6	296·8	12th	300·0	+0·4	*299·5*	236	− 175
957	Padang	0 56	100 22	6·7	..	1011·0	− 0·3	303·9	305·5	13th	296·7	295·6	5th	300·3	..	299·6	278	− 71
958	Batavia	6 11	106 50	8·0	1009·2	1010·1	+ 0·2	300·9	303·6	2nd	296·3	294·9	8th	298·6	−0·3	298·2	627	+ 311
958*a*	Pontianak	0 1	109 20	2·6	..	1010·7	+ 0·2	303·6	305·7	30th	295·8	294·1	17th	299·7	..	299·1	84	+ 119
959	Passeroean	7 38	112 55	5·0	..	1008·7	− 0·1	303·4	306·0	10th	295·6	294·2	25th	299·5	−0·8	298·6	360	+ 26
960	Kajoemas	7 56	114 9	1060	..	..	..	295·2	297·1	16th	291·4	290·4	24th	293·3	..	292·9	660	+ 124
962	Ambon	3 42	128 10	4·2	..	1008·0	− 0·3	303·5	306·6	5th	297·1	296·0	20th	300·3	+0·9	299·9	256	+ 262
963	Manokwari	0 52	134 20	19·0	..	1007·6	− 0·9	302·9	304·7	5th	296·6	295·3	13th	299·7	..	299·1	535	..
965	Daru	9 4	143 13	7·6	..	1008·3	− 0·5	303·6	..	..	..	..	..	..	..	..	312	− 46
966	Port Moresby	9 29	147 9	39·0	..	1007·7	− 0·5	303·2	..	..	296·8	..	..	300·0	−1·1	*299·6*	471	+ 267
967																		
968	Rendova	8 30	157 12	1·8	1006·2	1006·4	− 0·7	..	..	..	..	..	..	..	..	..	603	+ 220
969	Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	1005·7	1006·0	− 0·9	305·1	308·0	29th	298·2	296·9	2, 5, 12	301·7	+0·8	*301·2*	625	+ 281
970	Ocean Island	0 52 S.	169 35 E.	25·6	1002·8	1005·7	− 1·5	304·3	305·2	29th, 30th	297·4	295·5	13th	300·9	−0·1	*300·3*	219	− 105

JANUARY—ZONE 10.

Between Latitude 10° S. and 20° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1002	Apia, Samoa	13 48	171 46	2	..	1009·5	+ 1·7	302·5	304·3	15th	296·6	295·1	22nd	299·5	+0·2	299·1	414	− 32
1003	Alofi, Niue Island	19 2	169 55	36·6	..	..	..	303·4	306·9	6, 19, 25	293·4	291·3	31st	298·4	..	*297·8*	318	+ 42
1007	Makatea	15 47	148 14	47	1006·2	1011·6	..	305·5	307·4	..	296·6	294·5	..	301·1	..	*300·5*	51	− 167
1021	Arequipa	16 22	71 33	2451	761·3	..	+ 0·6	292·7	294·7	25th	283·0	280·7	27th	287·9	+0·2	*287·0*	33	+ 2
1022	Puerto de Arica	18 28	70 20	5	..	..	..	296·9	298·0	28th	290·7	288·2	1st, 2nd	293·8	+0·6	*295·2*	0	− 1
1023																		
1024	Sucre, Bolivia	19 30	64 24	2848	728·4	..	..	..	..	16th	..	280·2	11th	..	..	*286·6*	171	+ 39
1025	Corumba	19 0	57 39	116	996·7	1010·0	+ 1·5	310·5	313·0	3rd	..	..	..	..	..	*300·5*	205	+ 59
1026	Cuyaba	15 36	56 6	165	990·1	1008·9	+ 0·5	303·4	307·0	20th	298·1	296·1	28th	300·7	+0·2	*300·3*	203	− 108
1027	Bello Horizonte	19 55	43 55	857	918·2	1013·8	+ 1·4	298·6	303·8	30th	290·9	289·0	25th	294·7	−0·5	*294·3*	278	− 71
1028	Caetite	14 2	42 36	900	914·8	1014·3	+ 0·8	301·4	304·5	3rd	291·0	289·4	25th	296·2	0·0	*296·2*	68	− 35
1029	Ondina (Bahia)	13 0	38 30	47·0	1006·9	1012·3	+ 0·2	303·3	304·6	3rd	296·0	294·5	24th	299·7	+0·5	*299·1*	25	− 25
1030	Aracaju	10 55	37 3	4·0	1012·6	1013·0	+ 0·2	302·9	304·1	17th	297·8	296·0	13th	300·3	+0·3	*300·2*	6	− 37
1035	St. Helena	15 57	W 5 40	632	944·6	1015·8	− 0·3	296·0	299·2	25th	287·5	285·8	9th	291·8	+0·8	*291·5*	40	+ 45
1042	Gwelo	19 28	E 29 47	1417	860·1	..	0·0	300·3	306·9	31st	..	..	..	..	..	..	210	+ 23
1043	Salisbury, Rhodesia	17 48	31 5	1457	855·6	..	+ 0·2	299·9	304·7	13th	288·6	286·3	12th	294·3	+0·4	..	178	+ 23
1044	Zomba	15 23	35 18	? 945	904·8	1008·9	− 0·4	299·6	302·4	14, 20, 28	291·5	290·2	27th, 30th	295·5	−0·1	*294·7*	302	+ 2
1045	Tananarivo	18 55	47 32	1400	862·6	..	0·0	298·9	301·9	4th	288·9	285·5	2nd	293·9	+0·4	*293·3*	293	..
1046	Sainte-Marie	17 0	49 51	15	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1055	Cocos Keeling Is.	12 5	96 53	4·6	1010·8	1011·4	− 0·1	304·2	305·8	4th	298·1	294·4	17th	301·1	+0·7	*300·7*	..	+ 9
1056																		
1057	Christmas Island	10 25	105 43	5·5	1006·7	1007·3	− 0·8	304·6	307·4	..	296·9	294·7	..	300·8	+0·4	*300·3*	259	− 25
1058																		
1061	Koepang	10 10	123 34	45·1	..	1007·4	− 1·0	302·7	304·9	22nd	297·0	295·6	9th	299·9	..	299·5	676	+ 251
1061*a*	Derby	17 18	123 40	10·2	1004·0	1005·8	− 1·1	307·8	313·8	21st	299·7	295·3	29th	303·8	+0·5	..	150	+ 47
1062	Hall's Creek	18 13	127 46	374	964·2	1004·7	− 1·7	311·6	314·7	23rd	297·8	292·4	25th	304·7	+1·4	..	177	+ 52
1063	Port Darwin	12 28	130 51	29·6	1002·1	1005·4	− 0·5	305·2	308·3	23rd	297·7	295·1	9th	301·4	−0·4	*300·4*	384	+ 45
1064	Daly Waters	16 16	133 23	211	980·0	1003·2	− 1·7	307·4	311·3	5th	296·7	292·4	6th	302·1	−1·2	*301·6*	254	+ 2
1065	Mein	13 13	142 47	122	992·0	1005·6	0·0	304·6	307·6	14th	296·3	294·1	14th	300·5	−0·1	*299·9*	334	− 25
1066	Georgetown, Queensland	18 22	143 32	302	973·8	1007·3	+ 0·7	306·5	309·9	15th	295·8	293·6	1st, 5th	301·1	0·0	..	156	+ 161
1067	Samarai	10 37	150 40	15·2	..	1007·1	− 0·7	303·3	..	..	297·8	..	..	300·6	−0·2	*300·2*	301	+ 15
1072	Suva, Fiji	18 8 S.	178 26 E.	16·8	1006·5	1008·4	− 0·5	302·8	305·6	1st	296·2	294·2	12th	299·5	−0·1	*299·0*	284	mm.
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	

* Mean of max. and min. or of observations at fixed hours.

† Estimates not based on at least six equally-spaced observations each day are in *italics*.

Table representing the Meteorology of the Globe between Latitude 20° S. and 30° S.

JANUARY—ZONE 11.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1105	Rarotonga (Avarua)	21 12	159 47	6	..	..	..	300·6	302·4	17th	295·9	294·1	24th	298·2	−0·6	*297·8*	489	+ 247
1106																		
1121	Punta Tortuga, Coquimbo	29 56	71 21	27	1011·0	1014·2	− 0·3	293·1	295·0	16th	283·8	282·8	3rd	288·5	+0·4	*290·1*	0	0
1122	Iquique	20 12	70 11	9	1012·7	1013·7	+ 0·1	298·8	301·8	4th	289·8	287·0	2nd, 5th	294·3	+0·6	*294·7*	0	0
1123	Catamarca	28 27	65 47	510	..	1004·8	− 1·0	309·5	317·3	13th	291·7	283·8	29th	300·6	+0·3	*300·8*	59	− 14
1124	Salta	24 46	65 28	1178	882·3	1007·4	− 0·1	300·7	309·1	20th	289·0	284·0	24th	294·9	+0·6	*295·5*	139	− 6
1125	Goya	29 9	59 15	26	..	1008·0	− 1·0	308·8	315·2	13th	293·0	285·4	25th	300·9	+2·4	*301·2*	72	− 40
1126	Asunción	25 21	57 37	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1127	Curityba	25 25	49 17	908	911·8	1012·8	− 0·2	300·5	305·2	27th	289·2	283·6	8th	294·9	+0·4	*293·5*	110	− 63
1128	Rio de Janeiro	22 54	W43 10	61·4	1004·8	1012·0	+ 0·9	300·2	307·8	17th	294·8	291·0	9th	297·5	−1·2	297·5	75	− 53
1139	Windhoek	22 34	E 17 6	1665	..	..	..	301·4	307·5	30th	290·8	285·6	20th	296·1	−0·1	*296·1*	20	− 73
1140																		
1141	Kimberley	28 42	24 47	1202	879·2	..	− 0·8	306·0	311·6	10th	290·0	282·9	20th	298·0	+1·0	297·6	31	− 40
1142	Johannesburg	26 11	28 4	1806	820·6	..	− 2·0	297·8	303·0	28th	286·1	281·2	21st	291·9	−0·1	*291·4*	111	− 48
1142*a*	Pretoria	25 45	28 12	1338	867·5	..	..	303·1	307·9	30th	287·6	283·9	26th	295·3	0·0	..	46	− 63
1143	Durban	29 52	31 3	15·2	1011·8	1013·6	..	299·7	303·0	18th	292·3	286·3	20th	296·0	−1·1	*295·5*	96	− 17
1144	Lorenzo Marques	25 58	32 36	59·5	..	1012·4	+ 0·2	303·4	313·5	19th	293·8	290·0	4th	298·6	−0·6	298·1	33	− 105
1147	Mauritius	20 6	57 33	55·2	1004·1	1010·5	− 1·4	301·8	303·7	5th, 24th	296·0	293·7	6th	298·9	−0·6	298·4	289	+ 92
1159	Onslow	21 43	114 57	4·3	1003·1	1003·7	− 2·3	309·6	319·1	1st	296·4	292·7	13th	303·0	+0·1	..	115	+ 91
1160	Peak Hill	25 38	118 47	588	940·3	1003·2	− 2·2	310·9	314·6	27th	296·9	290·8	4th	303·9	+0·2	..	22	− 20
1161	Nullagine	21 53	120 5	386	961·9	1003·1	− 2·2	313·4	316·6	28th	299·3	294·1	6th	306·3	+1·5	..	41	− 39
1162	Laverton	28 40	122 23	466	956·7	1007·4	− 2·2	309·4	316·1	15th	293·7	284·6	9th	301·6	+0·3	..	3	− 23
1163	Alice Springs	23 38	133 37	587	941·9	1005·2	− 0·9	308·7	313·6	17th	295·6	290·6	29th	302·2	+0·6	*302·2*	30	− 17
1164	William Creek	28 55	136 21	76·2	999·5	1007·9	− 1·7	310·1	316·9	8th, 16th	295·0	288·0	29th	302·6	+1·4	*302·3*	0	− 14
1164*a*	Boulia	22 55	139 38	146	989·2	1005·3	+ 0·2	310·6	316·4	21st	296·3	288·7	25th	303·4	−0·4	..	121	+ 68
1165	Thargomindah	27 58	143 43	123	993·1	1006·6	..	310·2	315·8	9th	297·8	289·1	30th	304·0	..	..	17	..
1166	Mitchell	26 32	147 52	336	..	..	..	308·6	314·7	9th	294·7	289·7	25th	301·7	+2·2	..	43	− 43
1167	Rockhampton	23 24	150 30	11·3	1009·1	1010·5	+ 1·1	305·8	313·6	26th	295·3	293·3	8th	300·6	+0·7	*299·9*	10	− 223
1168	Brisbane	27 28	153 2	11·6	1011·8	1013·0	+ 1·7	303·5	308·9	29th	293·3	289·6	25th	298·4	+0·3	*297·8*	59	− 104
1169	Quitchambo	21 52	166 3	38	1003·7	1008·1	..	301·9	305·4	26th	291·2	287·0	10th, 11th	296·5	..	..	110	− 60
1170	Norfolk Island	29 5 S.	167 53 E.	15·2	1012·8	1014·2	+ 0·6	297·7	300·1	30th	292·4	288·6	13th	295·1	+0·2	*294·7*	104	+ 10

Between Latitude 40° S. and 30° S.

JANUARY—ZONE 12.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1221	Juan Fernandez	33 37	78 50	10	..	..	..	294·3	298·0	2nd	288·6	286·0	2nd	291·5	−0·4	*291·2*	29	+ 11
1221*a*	Punta Tumbes	36 37	73 6	91	1004·0	1014·9	− 0·1	291·8	298·6	24th	284·5	282·0	27th	288·1	0·0	*288·1*	10	+ 7
1222	Punta Angeles, Valparaiso	33 1	71 38	41	1009·2	1014·0	− 0·5	296·1	300·3	17th	285·7	283·0	23rd	290·9	−1·1	*289·9*	6	+ 6
1222*a*	Santiago	33 27	70 42	520	952·4	1011·3	− 1·1	304·6	308·5	7th, 13th	285·1	282·0	23rd	294·9	+1·6	*294·1*	6	+ 5
1223	Cordoba	31 25	64 12	423	960·8	1008·4	− 0·8	307·0	313·7	..	289·8	278·7	..	298·4	+1·9	298·1	69	− 37
1224	Bahia Blanca	38 45	62 15	25	..	1009·0	− 0·2	302·6	314·0	6th	289·5	286·0	23rd	296·1	−1·1	295·2	65	+ 21
1225	Buenos Ayres	34 46	58 22	25	..	1010·2	− 1·5	302·9	311·0	11th	290·0	282·6	24th	296·5	+0·1	296·6	89	+ 9
1226	Montevideo (Prado)	34 53	56 12	24·9	1008·3	1010·0	− 2·3	..	310·5	..	..	284·9	..	..	+0·6	295·9	92	+ 21
1226*a*	Rio Grande	32 2	W52 9	2	1009·3	1009·6	− 0·2	300·6	305·1	16th	293·4	288·5	29th	297·0	0·0	*297·0*	83	+ 11
1239	Cape Town	33 56	E 18 29	11·3	..	1013·6	− 0·2	299·4	310·8	25th	289·3	285·3	19th	294·3	+0·3	*292·9*	11	− 6
1240	Danger Point	34 37	19 18	19·5	..	..	..	..	..	..	..	..	..	..	..	..	33	..
1241	Heidelberg	34 5	20 58	30·5	..	..	..	301·8	312·4	23rd	288·1	283·0	20th	294·9	..	..	22	− 3
1242	East London	33 2	27 53	9·8	1012·1	1013·2	+ 0·3	297·0	304·7	27th	290·3	285·8	20th, 21st	293·7	−0·4	..	42	− 38
1259	Perth (Observatory)	31 57	115 50	60·0	1003·7	1010·7	− 1·8	300·2	309·3	19th	289·9	284·1	6th	295·0	−1·3	..	30	+ 22
1260	Katanning	33 42	117 35	310	975·4	1010·6	− 2·6	301·3	307·0	13th	285·8	280·6	9th	293·6	−1·2	..	14	+ 4
1261	Coolgardie	30 57	121 10	423	962·3	1009·2	− 2·1	305·2	313·0	13th	289·6	283·4	9th	297·4	−0·8	..	35	+ 23
1262	Eucla	31 45	128 58	4·6	1010·5	1011·0	− 2·3	297·9	315·8	4th	290·0	280·7	10th	294·0	−0·5	..	20	+ 5
1263	Streaky Bay	32 48	134 13	13·1	1011·6	1013·0	− 0·4	302·4	314·7	15th	288·7	281·9	12th	295·6	+0·7	..	6	− 5
1264	Adelaide	34 56	138 35	42·7	1007·0	1011·9	− 1·1	303·2	314·9	5th	289·4	282·3	12th	296·3	−0·1	*296·7*	18	0
1265	Melbourne	37 49	144 58	35·1	1007·5	1011·5	− 1·4	298·8	313·1	16th	287·6	283·0	26th	293·2	+0·5	292·0	112	+ 65
1266	Bourke	30 13	145 58	110	998·3	1010·6	+ 0·6	311·7	318·0	9th, 17th	295·3	286·3	29th, 30th	303·5	+1·1	..	14	− 24
1267	Sydney	33 52	151 12	44·5	1007·0	1012·1	− 0·4	300·1	309·1	11th	292·1	289·1	30th	296·1	+1·1	..	37	− 54
1268	Lord Howe Island	31 32	159 4	4·6	1014·2	1014·7	..	298·8	301·3	3rd	292·5	289·2	1st	295·7	..	..	27	− 98
1271	Auckland	36 50	174 50	38·1	..	1014·5	..	295·1	298·6	20th, 22nd	288·2	284·7	1st, 8th	291·6	−0·6	..	52	− 13
1272	Napier	39 32 S.	176 53 E.	21·3	..	..	..	299·8	305·2	20, 21, 25	287·4	281·6	6th	293·6	+1·5	..	21	− 47

Between Latitude 40° S. and 50° S.

JANUARY—ZONE 13.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1301	Chatham Island	43 52	170 42	104	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1321	Isla Huafo	43 34	74 45	140	999·1	1016·0	− 0·4	287·5	291·3	24th	283·5	281·0	26th	285·5	0·0	*285·4*	74	+ 9
1322	Punta Galera	40 1	73 44	40	1012·4	1017·2	+ 0·9	289·9	294·8	6th	283·8	280·6	28th	286·9	0·0	*286·6*	64	+ 4
1323	Sarmiento	45 30	69 0	274	..	1007·2	..	297·6	309·7	7th	283·6	274·4	22nd	290·6	−1·6	290·3	0	..
1324	Punta Madryn	42 49	W64 58	14	..	1006·4	..	299·7	307·6	14th	286·1	279·5	28th	292·9	−0·7	292·5	5	− 5
1365	Launceston	41 27	E147 10	10·1	1008·5	1009·7	− 2·1	297·3	302·5	23rd	285·4	277·5	26th	291·3	+0·3	..	80	+ 34
1366	Hobart	42 53	147 20	53·9	1002·3	1008·7	− 1·4	294·2	308·2	23rd	285·1	279·7	26th	289·7	−0·1	*288·6*	133	+ 88
1370	Invercargill	46 25	168 21	5·5	..	..	..	291·6	300·8	19th	281·7	275·8	27th	286·7	−0·2	..	112	+ 3
1371	Dunedin	45 52	170 31	91·4	..	1011·3	+ 2·1	292·0	301·3	18th	282·4	277·4	2nd	287·2	+0·3	..	25	− 61
1371*a*	Christchurch	43 32	172 38	7·6	..	1012·8	+ 1·8	294·6	303·8	27th	283·9	276·8	4th	289·2	−0·2	..	35	− 17
1372	Wellington	41 16 S.	174 46 E.	2·4	..	1015·1	+ 3·0	294·2	302·4	30th	287·0	281·8	10th	290·6	+0·7	..	15	− 68
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Estimates not based on at least six equally-spaced observations each day are in *italics*.

JANUARY—ZONE 14. Table representing the Meteorology of the Globe between Latitude 50° S. and 60° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
		S.	W.															
1421	Islota de los Evangelistas	52 24	75 6	55	994·8	1001·5	− 0·4	283·3	284·8	8th	280·2	277·9	15th	281·7	0·0	*281·8*	300	− 19
1422	Puerto de Punta Arenas	53 10	70 54	4	998·6	999·1	− 0·5	290·1	295·0	14th	280·0	276·7	25th	285·1	+1·2	*285·2*	29	− 8
1423	Punta Dungeness	52 24	68 26	5	997·2	997·8	− 2·3	289·1	293·5	9th	280·0	278·2	26th	284·5	+0·4	*285·2*	23	+ 45
1424	Santa Cruz	52 22	68 21	12	..	1001·2	− 2·5	294·9	304·4	7th	283·0	277·9	6th	288·9	−0·1	288·0	58	..
1424a	Año Nuevo	54 39	64 9	50	989·7	995·7	..	283·8	288·8	6th	278·2	275·2	19th	281·0	..	280·9	86	− 28
1425	Stanley, Falkland Is.	51 41	57 51	4	..	..	..	..	..	..	..	..	..	..	..	..	43	..
1426	Cape Pembroke	51 41	57 42	21	..	998·4	− 1·2	286·1	291·9	8th	278·3	275·2	19th, 30th	282·2	−0·5	282·1	..	..
1429	S. Georgia (Cumberland Bay)	54 14 S.	36 33 W.	4	992·5	993·0	− 1·1	282·5	293·1	16th	275·6	272·7	10th	279·1	+0·1	*278·4*	67	− 8

JANUARY—ZONE 15. Between Latitude 60° S. and 70° S.

1527	South Orkneys.	60 44 S.	44 39 W.	6·1	..	988·5	− 3·0	..	281·2	..	..	269·6	..	..	0·0	273·1	40	0
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Estimates not based on at least six equally-spaced observations each day are in *italics*.

DAILY OBSERVATIONS OF WIND WITHIN THE TROPICS.—JANUARY 1916.

Date.	St. Helena. 1035. Direction.	St. Helena. 1035. *Mean Velocity for the Day.	Fanning Island. 805. Direction and Force.		Sierra Leone. 834. Direction and Force.		Entebbe. 844. Direction and Force.		Malden Island. 905. Direction and Force.	Tulagi. 969. Direction and Force.	Ocean Island. 970. Direction and Force.		Suva, Fiji. 1072. Direction and Force.	
	9h.	m/s	9h.	21h.	9h.	17h.	7h.	21h.	9h.	9h.	9h.	21h.	9h.	1
1	SSE	8·5	E 5	E 5	Calm 0	Calm 0	W 3	W 3	ENE 3	Calm 0	W 2	Calm 0	NE	1
2	SE	—	SE 4	E 4	Calm 0	Calm 0	W 3	W 3	ESE 3	Calm 0	E 2	E 3	NE	0
3	SE	—	SE 4	E 4	E 1	Calm 0	Calm 0	Calm 0	E 2	NW 2	E 4	E 2	Calm	1
4	SE	3·7	SE 4	E 4	Calm 0	Calm 0	Calm 0	SW 2	E 3	Calm 0	E 3	SE 2	SE	1
5	E	4·7	SE 4	E 4	Calm 0	Calm 0	W 2	W 2	E 2	NW 4	ESE 4	W 6	NE	1
6	SE	5·0	E 5	E 4	E 3	Calm 0	W 2	SW 3	ESE 3	NW 10	SSE 6	ESE 6	NW	2
7	SE	5·9	SE 4	E 4	E 1	Calm 0	Calm 0	N 2	ENE 3	NW 8	ESE 6	E 6	NE	6
8	SSE	4·0	E 4	E 4	E 1	Calm 0	N 3	W 3	ESE 2	NW 8	E 5	E 6	N	3
9	SE	3·3	E 4	E 4	E 1	Calm 0	N 2	SW 2	NE 3	NW 4	E 4	E 4	SW	3
10	SSE	5·2	SE 5	SE 4	Calm 0	Calm 0	N 2	N 3	E 3	NW 4	E 3	E 2	SSE	3
11	SSE	10·1	SE 4	SE 4	Calm 0	W 4	E 4	SW 2	E 3	Calm 0	ESE 3	ESE 3	SE	3
12	SE	9·5	SE 4	SE 5	E 1	SW 2	W 3	N 2	E 2	Calm 0	ESE 3	ESE 2	SSE	4
13	SSE	10·6	SE 4	SE 5	Calm 0	Calm 0	W 3	N 2	E 2	SE 2	S 3	W 2	SSE	0
14	SE	—	SE 4	S 5	Calm 0	SW 1	W 3	SW 2	ENE 3	Calm 0	WSW 6	W 5	Calm	0
15	SE	—	SE 4	E 4	E 1	SW 1	W 3	W 3	E 2	Calm 0	SW 1	WSW 3	Calm	0
16	SE	8·9	E 4	SE 5	Calm 0	SW 1	W 2	SW 4	ENE 3	Calm 0	W 4	W 3	Calm	3
17	SE	6·7	SE 5	SE 5	E 2	Calm 0	SW 3	SW 4	E 4	Calm 0	SSW 4	W 4	SSE	3
18	SSE	7·3	SE 5	SE 4	Calm 0	Calm 0	W 3	N 2	ESE 3	SE 6	W 3	W 2	SSE	0
19	S	7·0	SE 4	SE 4	E 1	Calm 0	N 2	W 3	ESE 3	SE 2	W 2	Calm 0	Calm	1
20	SSE	6·4	SE 4	SE 5	E 1	Calm 0	W 2	W 2	ESE 2	Calm 0	SW 1	Calm 0	SW	1
21	SE	5·8	SE 4	SE 4	SE 1	Calm 0	E 3	N 2	ESE 3	SE 2	SE 3	NW 2	N	1
22	SE	5·5	E 4	E 4	SE 2	Calm 0	N 2	N 2	E 3	SE 4	E 3	Calm 0	N	1
23	SSE	4·1	SE 6	E 5	E 2	E 1	W 3	N 2	E 4	SE 2	E 3	E 4	SW	1
24	SSE	—	SE 5	SE 5	SE 1	Calm 0	W 3	SW 3	E 4	SE 2	NE 4	E 3	NE	2
25	SSE	—	SE 5	SE 4	E 2	Calm 0	Calm 0	W 2	E 3	Calm 0	NE 5	NE 2	NE	1
26	Calm	1·1	E 4	E 4	E 3	SW 1	SW 3	N 2	E 2	Calm 0	E 4	E 2	N	1
27	SSE	3·8	SE 4	SE 4	Calm 0	Calm 0	W 3	S 2	ESE 1	Calm 0	E 1	Calm 0	NE	0
28	S	8·3	SE 6	SE 5	E 1	SW 4	W 5	SW 3	ESE 2	Calm 0	S 1	Calm 0	Calm	0
29	S	9·8	SE 5	SE 4	E 7	Calm 0	W 2	SW 3	E 1	Calm 0	E 2	Calm 0	Calm	2
30	SSE	—	SE 5	SE 4	Calm 0	Calm 0	W 3	W 3	ENE 2	Calm 0	NE 3	NE 4	NE	2
31	SSE	—	SE 5	SE 5	Calm 0	W 1	Calm 0	N 2	E 1	Calm 0	NE 4	NE 2		1·5
Mean	..	6·3	4·5	4·4	1·0	0·5	2·3	2·5	2·6	1·9	3·3	2·6		
†Resultant	150° (88)	..	120° (92)		120° (22)		275° (57)		95° (92)	.. (0)	100° (29)		75° (21)	
†Normal	142° (99)	7·3	102° (75)		22° (9)		265° (35)		71° (78)	322° (14)	88° (27)		89° (21)	

* Mean velocity of the South-East Trade Wind at 632 metres.
† Direction and "constancy." For explanation see Introduction.

STATE OF ICE IN THE ARCTIC SEAS AND IN THE NORTH ATLANTIC.—JANUARY 1916.

**Greenland Sea, Iceland and Denmark Strait.*—The coasts of Iceland and Grimsey were free of ice. Off Angmagsalik the ice was closely packed and no open water was visible.
North Atlantic and Labrador.—Floes and icebergs were comparatively scarce on the Newfoundland Banks; first floes observed on January 20th.
**Davis Strait.*—Young ice started to form in the north towards the middle of the month. Ice drifted inshore near Upernivik at the New Year and was firm by the end of the month. The first "Storis" passed C. Farewell on the 8th. From the 19th to the end of the month the coast at Sagdlit was free from ice.

**Isforholdene i de arktiske Have*, 1916, published by the Danish Meteorological Institute.

RÉSEAU MONDIAL, FEBRUARY 1916

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF FEBRUARY 1916 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE.

Between Latitude 80° N. and 70° N. FEBRUARY—ZONE 1.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
		N.	W.															
123	Inglefield Bay	77 20	67 30	?	1008·2	..	+ 2·4	..	..	..	..	..	..	..	..	*246·5*	1	..
124	Upernivik	72 47	W56 7	18·9	1003·0	1005·5	− 3·7	258·3	272·3	21st	251·0	241·9	5th	254·7	+4·4	*254·2*	4	− 9
125																		
126																		
139	Spitsbergen (GreenHarbour)	78 2	E 14 14	11·4	1005·5	1007·0	− 2·4	..	269·8	12th	251·6	237·1	11th	..	+4·9	256·2	15	− 18
140																		
141	Gjesvaer	71 6	25 22	6·5	1001·8	1002·6	− 1·6	..	277·3	1st	267·5	261·5	18th	..	+1·1	*269·7*	44	− 10
142	Mehavn	71 1	27 47	6·4	1002·8	1003·6	+ 1·6	..	276·8	24th	266·1	259·6	13th	..	+1·5	*268·8*	37	− 22
143	Vardö	70 22	31 8	10·0	1003·8	1005·1	− 0·9	..	274·2	1st	265·6	262·5	17th	..	+1·6	*268·5*	66	+ 1
147	Malye Karmakouly	72 23	52 43	14·8	1009·4	1011·4	+ 3·1	..	271·7	26th	..	..	..	..	−2·6	*253·7*	..	..
148	Waigatz	70 24	58 47	11·2	1010·0	1011·5	+ 1·2	..	272·6	25th	248·1	235·2	13th	..	..	*251·7*	4	..
		N.	E.															

Between Latitude 70° N. and 60° N. FEBRUARY—ZONE 2.

203	Nome	64 31	165 24	4·6	1018·0	1018·6	+ 9·4	262·9	273·6	..	254·3	239·1	..	258·6	+0·4	..	33	+ 8
204	Candle	65 55	161 57	2·4	..	..	..	260·3	274·1	23rd, 24th	250·6	237·4	14th, 17th	255·4	..	..	..	..
205	Tanana	65 8	152 0	73·8	1011·9	1022·1	+ 7·6	254·4	274·7	..	243·7	225·2	..	249·1	−3·1	..	18	− 5
206	Rampart	65 30	150 15	122	..	..	..	255·6	271·9	24th	241·8	227·4	17th	248·7	..	..	20	+ 3
207	Valdez	61 7	146 16	8·2	1012·7	1013·8	+ 3·0	270·7	281·9	..	261·7	251·9	..	266·2	−0·7	..	148	+ 21
208	Eagle	64 46	141 12	248	990·3	1024·3	+ 8·2	256·0	275·8	..	243·8	227·4	..	249·9	−2·5	..	12	+ 1
209																		
210	Dawson	64 4	139 20	328	980·7	1025·9	+ 5·9	251·3	273·6	20th	243·0	227·4	11th	247·1	−1·5	..	23	+ 5
211	Carcross	60 11	134 34	662	..	..	..	266·1	280·2	20th	253·7	235·8	1st	259·9	+2·3	..	17	− 8
212	Fort Good Hope	66 15	128 53	65·2	1018·3	1027·7	..	252·4	266·9	6th	241·2	224·1	10th	246·8	..	..	14	..
213	Fort Simpson	61 52	121 35	129	1005·7	1023·3	..	256·9	271·9	24th	245·8	228·6	10th	251·3	+6·0	*251·9*	31	+ 17
214	Hay River	60 51	115 20	161	1001·0	1023·3	..	257·4	271·9	13th	245·2	230·8	11th	251·3	+2·1	..	18	..
225																		
226	Jacobshavn	69 13	51 2	12·6	1000·0	1001·6	− 6·3	262·6	280·0	21st	253·4	242·7	7, 16, 17	258·0	+3·5	*258·2*	2	− 5
227	Godthaab	64 11	51 44	9·0	994·4	995·6	− 6·0	267·2	277·8	20th	261·5	257·9	17th	264·3	+1·4	*264·5*	27	− 21
229	Ivigtut	61 12	48 10	5·0	996·8	997·4	− 3·2	270·3	282·0	28th	262·5	254·5	1st	266·4	+0·7	*266·3*	142	+ 74
	Angmagsalik	65 37	37 34	31·7	994·0	998·0	− 5·6	269·5	276·0	22nd	261·9	253·4	3rd	265·7	+3·1	*266·3*	51	+ 8
231																		
232	Stykkisholm	65 5	22 46	11·3	994·2	995·6	− 6·3	274·7	279·7	25th	269·3	265·0	17th	272·0	+1·8	*272·1*	57	− 7
233	Vestmanno	63 26	20 15	7·7	993·5	994·5	− 7·0	276·9	281·1	24th	271·3	266·2	18th	274·1	+0·3	*274·6*	149	+ 35
233a	Grimsey	66 33	17 58	22·0	..	..	..	274·7	278·6	24th	271·4	267·4	9th	273·1	+2·9	*273·0*	1	− 17
234	Akureyri	65 40	18 4	6·8	995·1	996·0	− 8·1	..	..	..	..	..	..	..	..	..	..	..
	Berufjord	64 40	14 19	18·0	992·3	994·5	− 9·0	275·9	279·9	24th	270·4	265·5	16th	273·1	+1·7	*273·5*	90	− 6
235																		
236	Thorshavn	62 3	6 45	25·7	995·4	998·5	− 6·7	277·7	281·1	1st	273·3	268·1	16th	275·5	−0·5	*275·8*	123	− 16
	Lerwick	60 9	W 1 8	18·0	1000·1	1002·4	− 4·9	278·5	280·8	1st	274·7	272·4	16, 17, 22	276·6	+0·1	*276·8*	100	+ 20
237																		
238	Bergen (Met. Obs.)	60 24	E 5 19	44·4	999·4	1004·9	− 6·5	..	282·9	4th	272·0	267·0	24th	..	+0·3	*274·4*	144	+ 11
239	Christiansund	63 7	7 45	17·8	1001·4	1003·6	− 5·4	..	283·1	4th	273·4	269·1	18th	..	+1·4	*275·6*	21	− 64
240	Trondhjem	63 26	10 25	39·5	1001·0	1006·0	− 3·9	..	280·1	4th	267·5	260·5	18th	..	+0·8	*271·2*	5	− 85
241	Bodö	67 17	14 24	22·4	1000·8	1003·6	− 3·6	..	278·6	1st	269·8	264·0	14th	..	+2·0	*272·3*	52	− 29
242	Haparanda	65 50	24 9	9·2	1007·9	1009·1	− 2·4	267·6	276·0	1st	261·9	247·5	20th	264·7	+4·1	*265·1*	34	+ 6
242a	Helsingfors	60 10	24 57	12·0	1011·4	1012·8	− 1·4	271·0	274·4	7th, 8th	266·5	255·7	21st, 22nd	268·7	+2·8	*269·1*	50	+ 13
	Kuopio	62 54	27 40	90·3	1000·4	1012·0	− 1·5	269·4	274·8	7th	261·9	248·0	20th	265·6	+3·1	*266·6*	22	− 14
243																		
244	Kola	68 53	33 1	6·7	1007·0	1007·9	+ 0·8	266·3	278·6	1st	257·8	239·4	14th	262·0	+1·0	*262·4*	22	+ 6
245	Petrozavodsk	61 47	34 23	38·9	1010·6	1015·6	+ 1·8	..	276·0	18th	..	..	..	..	+5·6	*268·8*	28	+ 2
246	Arkhangelsk	64 35	40 36	5·8	1012·6	1013·4	+ 2·5	269·8	275·3	1st	264·1	253·0	5th	267·0	+6·9	*267·2*	14	− 4
247	Mezen	65 50	44 16	12·6	1010·0	1011·6	+ 0·7	268·4	275·6	1st	262·9	247·0	5th	265·6	+6·5	*265·9*	23	+ 16
248	Oust-Tsylma	65 25	52 14	? 70	1004·7	1013·9	− 2·3	266·9	273·4	9th	260·6	245·1	5th	263·8	+6·3	*263·9*	31	..
	Tcherdyn	60 24	56 31	?177	998·7	1021·8	+ 3·9	..	271·8	3rd	260·8	243·0	7th	..	+5·5	*264·4*	30	+ 5
249																		
250	Berezov	63 56	65 4	39·9	1011·8	1017·1	+ 0·7	260·9	273·2	21st	251·2	239·8	29th	256·0	+2·2	*256·1*	14	+ 4
251	Obdorsk	66 31	66 35	23·7	1011·9	1015·1	+ 0·5	256·1	269·3	21st	246·8	233·9	8th	251·4	+1·4	*252·1*	11	+ 3
252	Sourgout	61 15	73 24	? 40	1013·8	1019·2	− 0·2	..	268·2	10th	248·7	227·6	8th	..	+2·0	*255·2*	19	+ 9
253																		
254	Doudinka	69 23	86 4	20	1013·0	1015·7	− 2·2	..	261·6	27th	241·0	225·6	14th	..	..	*245·5*	5	..
	Touroukhansk	65 47	87 57	45	1014·3	1020·6	+ 0·2	..	264·3	26th	243·7	228·2	16th	..	−0·7	*248·9*	22	+ 12
261																		
262	Olekminsk	60 22	120 26	155	1008·0	1030·4	+ 2·7	..	255·5	19th	234·8	220·6	2nd	..	−4·6	*240·7*	1	− 5
263	Iakoutsk	62 1	129 43	108	1015·6	1031·6	+ 3·0	..	249·6	20th, 21st	230·6	211·9	3rd	..	−0·7	*235·6*	3	− 2
264	Verkhoïansk	67 33	133 23	100	1013·8	1029·2	+ 6·4	..	242·7	13th	220·6	213·0	8th	..	−3·4	*225·2*	1	− 2
271	Oust-Maïskoe	60 25	134 29	?100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
272																		
	Markovo-sur-Anadyr	64 45	170 50	25·0	1023·6	1027·1	+ 8·6	254·2	272·6	1st	242·8	228·7	13th	248·5	+3·0	..	6	0
	Novo-Mariinskii Post	64 45	177 33	5·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N.	E.															
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Estimates not based on at least six equally-spaced observations each day are in *italics*.

FEBRUARY—ZONE 3. Table representing the Meteorology of the Globe between Latitude 60° N. and 50° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
303	Dutch Harbor	53 54	166 32	4·0	..	..	..	274·0	279·1	..	269·1	259·1	..	271·6	−1·2	..	130	− 27
304																		
305	Kodiak	57 47	152 22	1·8	1008·4	1008·6	+ 6·7	275·6	279·1	..	269·2	261·3	..	272·4	..	..	103	− 20
306																		
					..	..												
309	Sitka	57 4	135 20	27·4	1009·0	1012·4	+ 0·5	278·9	285·8	..	270·7	264·1	..	274·8	+0·3	..	145	+ 21
310	Prince Rupert	54 18	130 18	51·8	1007·1	1013·6	+ 4·6	279·1	288·6	18th	271·9	263·0	1st	275·5	+0·5	..	176	+ 39
311	Barkerville	53 2	121 35	1274	869·1	..	..	269·7	281·9	18th	260·2	244·1	6th	264·9	−0·8	*265·0*	28	+ 18
312	Kamloops	50 42	120 29	385	978·3	1027·0	+ 4·6	271·3	283·0	26th	264·1	244·1	3rd	267·7	−2·2	*267·7*	38	+ 2
313	Calgary	51 2	114 2	1045	896·7	..	..	272·4	291·9	18th	260·2	244·1	5th	266·3	+3·0	*266·4*	15	..
314	Fort Chipewyan	58 42	111 10	218	..	..	..	..	..	..	..	..	..	..	..	..	..	..
315	Prince Albert	53 10	106 0	442	965·1	1022·4	+ 1·0	264·7	285·8	16th	251·9	231·9	10th	258·3	+3·8	*258·8*	2	− 14
316	Qu'Appelle	50 30	103 47	645	941·1	1023·5	+ 4·7	263·6	280·8	16th	253·6	238·6	10th	258·6	+2·3	258·4	8	− 11
317	Minnedosa	50 15	99 50	515	957·3	1024·3	+ 2·5	262·4	280·8	16th	250·8	236·9	10th	256·6	+1·3	*256·4*	0	− 12
318	Berens River	52 18	97 23	216	..	..	..	258·8	277·4	16th	244·9	230·2	13th	251·9	−0·9	*251·7*	11	..
318a	Port Nelson	57 4	92 36	14·9	1015·6	1017·6	..	249·7	261·3	14th	239·1	230·8	20th	244·4	..	..	..	..
319	Fort Hope	51 33	87 49	335	..	..	..	..	..	..	..	..	..	..	..	..	..	+ 4
320	Moose Factory	51 14	80 30	9·1	1017·7	1019·0	+ 0·4	258·6	273·0	16th, 17th	244·1	228·6	12th	251·3	−2·7	..	19	..
321	Fort George	53 50	79 5	?	..	..	..	252·0	264·1	16th	242·4	230·8	18th	247·2	..	..	11	..
322	Mistassini Post	50 15	73 55	383	..	..	..	258·9	274·7	26th, 27th	245·8	230·2	12th	252·3	..	..	52	..
323	Hebron	58 12	62 21	15·0	1000·3	1002·3	− 7·7	..	..	..	248·8	242·6	..	..	..	*251·1*	..	..
324	Natashquan	50 8	61 48	?	..	..	..	263·6	276·3	28th	251·6	236·9	13th	257·6	..	..	99	..
325																		
326	Belle Isle	51 23	55 23	133	..	..	..	..	..	..	..	..	..	..	..	..	..	..
334	Cahirciveen (Valencia Obs.)	51 56	10 15	13·7	1008·3	1010·0	− 2·7	280·9	284·1	18th	276·3	271·9	28th	278·6	−1·2	278·8	157	+ 25
335	Aberdeen	57 10	2 6	26·8	1001·1	1004·4	− 5·9	278·4	281·9	6th	274·1	269·7	20th	276·3	−0·2	276·2	54	+ 59
336	Greenwich	51 28	W 0 0	48·5	1002·5	1008·6	− 7·3	280·2	284·7	13th	274·2	269·1	25th	277·2	−0·2	277·2	99	..
337	Uccle	50 48	E 4 22	100	997·0	1009·4	− 7·2	279·3	284·4	29th	272·6	267·7	23rd	275·9	+0·5	276·1	82	+ 24
338	De Bilt	52 6	5 11	3·0	1008·5	1008·9	− 7·4	279·0	284·1	17th	272·5	268·8	21st	275·7	+0·7	275·7	78	+ 26
338a	Hamburg	53 33	9 58	40	1005·3	1010·3	− 4·8	276·8	281·6	16th	272·3	268·0	27th	274·5	−0·1	*274·0*	71	+ 27
339	Copenhagen	55 41	12 36	5·0	1009·4	1010·0	− 3·7	275·0	279·1	7th	272·4	268·7	20th	273·7	+3·3	*273·9*	33	+ 6
340	Potsdam	52 23	13 4	84·9	1001·1	1011·8	− 4·3	276·9	282·2	6th	270·8	265·3	22nd	273·9	−0·3	273·2	39	+ 2
340a	Upsala	59 51	17 38	24·0	1007·5	1010·5	− 2·7	272·3	276·9	7th	267·1	251·9	19th	269·7	+1·5	269·9	28	+ 7
341	Warsaw	52 13	21 1	133	998·7	1015·5	− 2·0	274·9	279·2	28th	270·6	265·4	23rd	272·7	+2·0	272·5	25	..
342	Jurjev	58 23	26 43	74·5	1005·4	1015·0	+ 0·9	270·8	274·9	17th	266·4	257·2	24th	268·6	+2·4	268·8	34	+ 7
343	Petrograd	59 56	30 16	4·8	1014·7	1015·3	+ 0·5	271·0	275·8	9th	266·8	259·1	24th	268·9	+4·3	*268·8*	30	+ 8
344	Kiev	50 27	30 30	183	996·3	1019·6	+ 0·6	272·8	278·0	11th	268·3	257·6	21st	270·6	+3·0	*270·5*	113	+ 70
344a	Moscow	55 50	37 33	167	1000·2	1021·7	+ 3·1	271·4	276·0	12th	264·9	250·1	28th	268·2	+4·8	*267·9*	29	+ 10
345	Saratov	51 32	46 3	59·9	..	..	..	..	273·5	2nd	259·0	249·8	27th	..	−1·0	*262·7*	7	+ 2
346	Kazan	55 47	49 8	79·9	1017·5	1028·1	+ 7·9	267·7	272·9	2nd	260·4	249·9	25th	264·0	+3·5	*263·9*	5	+ 2
347	Orenburg	51 45	55 6	109	1017·4	1032·2	+ 8·2	262·4	270·6	2nd	253·0	241·3	26th	257·7	−1·1	*257·8*	2	+ 19
348	Perm	58 1	56 16	163	1003·9	1025·2	+ 5·7	267·3	273·5	20th	260·4	250·4	7th	263·8	+4·1	*264·0*	11	..
349	Ekaterinburg	56 49	60 38	281	988·6	1025·0	+ 3·1	267·5	270·8	3rd, 14th	259·4	246·8	1st	263·4	+4·5	*263·2*	9	+ 7
350	Tobolsk	58 12	68 14	108	1009·1	1023·6	+ 0·4	264·0	271·2	10th	255·7	245·6	7th	259·8	+1·9	*259·2*	7	+ 1
351	Akmolinsk	51 12	71 23	?347	984·0	1030·3	+ 2·1	260·8	267·9	?	250·9	241·9	21st	255·8	−0·4	*255·6*	14	+ 12
352	Omsk	54 58	73 23	87·9	1013·5	1025·5	− 0·4	261·6	268·5	5th	..	..	..	..	+1·1	*256·4*	4	+ 10
353	Barnaoul	53 20	83 48	162	1009·0	1030·7	+ 0·3	..	271·5	7th	249·2	236·7	22nd	..	+1·9	*257·6*	24	+ 19
354	Tomsk	56 30	84 58	122	1010·3	1026·8	− 0·6	..	268·1	6th, 7th	253·8	239·6	16th	..	+1·7	*257·7*	37	..
355	Minousinsk	53 43	91 41	249	998·3	1032·0	+ 0·8	..	271·6	1st	..	..	..	..	..	*253·7*	8	+ 4
356	Eniseisk	58 27	92 10	77·6	1015·1	1025·6	− 2·3	..	270·2	6th	251·0	224·9	20th	..	+2·1	*256·5*	18	+ 5
357	Irkutsk	52 16	104 19	467	968·7	1030·3	− 1·9	..	268·9	29th	248·9	236·9	23rd	..	+0·3	*255·6*	9	+ 3
358	Kirensk	57 47	108 7	263	992·6	1028·3	− 2·4	..	268·9	29th	245·2	225·5	20th	..	+0·8	*251·0*	20	+ 2
359	Tchita	52 2	113 30	687	938·7	1028·7	− 2·9	..	268·7	1st	244·5	236·1	19th	..	+4·1	*251·7*	4	− 1
360	Blagoveshchensk Priisk	58 10	114 19	490	963·8	1030·7	+ 0·3	..	264·8	29th	239·9	229·8	23rd	..	..	*245·7*	13	..
360a	Nertchinskii Zavod	51 19	119 37	626	945·2	1028·7	− 2·4	..	260·3	6th	242·7	235·8	19th	..	−1·0	*248·0*	1	..
361	Tygan Ourkan	54 5	124 46	379	973·8	1024·8	..	260·0	265·6	11th	242·1	232·1	22nd	251·0	..	*250·6*	6	..
362	Blagoveshchensk (Bureau Météor.)	50 16	127 30	142	1003·4	1022·6	− 1·3	260·9	264·2	1st	249·6	240·1	29th	255·2	+0·6	*254·8*	13	+ 24
363	Paikanskii Sklad	50 11	130 7	145	1002·0	1021·9	..	261·4	268·2	8th	241·6	232·5	28th	251·5	..	*251·0*	7	..
364																		
365	Nikolaevsk-sur-Amour	53 8	140 45	21·2	1016·2	1019·0	+ 1·5	..	270·2	17th	249·3	234·1	1st	..	+2·2	*255·0*	19	+ 7
366	Okhotsk	59 21	143 12	6·0	1021·5	1022·3	+ 3·5	255·4	265·0	16th	246·4	234·8	1st	250·9	−1·1	*250·5*	6	..
367																		
368	Petropavlovsk (Radio)	53 0	158 39	13·5	1009·8	1011·5	+ 7·8	268·8	274·5	14th	261·1	246·6	23rd	264·9	..	*265·1*	137	..
369		N.	E.															
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Estimates not based on at least six equally-spaced observations each day are in *italics*.

Table representing the Meteorology of the Globe between Latitude 50° N. and 40° N. FEBRUARY—ZONE 4.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean	Temperature: Diff. from Normal	Temperature: †24hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
411	Victoria, B.C.	48 24	123 19	70·1	1008·4	1017·1	+ 1·2	280·2	288·0	26th	274·7	268·6	1st	277·4	+0·1	277·1	179	+ 89
412	Portland, Oregon	45 32	122 41	46·6	1012·7	1018·3	+ 0·3	281·9	287·4	27th	275·5	267·4	4th	278·7	+0·2	*278·4*	200	+ 60
413	Macleod	49 44	113 24	954	..	..	..	271·3	288·6	20th	259·1	239·7	1st	265·2	−0·3	..	8	− 6
414a	Helena	46 34	112 4	1253	876·0	1023·7	+ 3·8	273·9	284·7	14th	263·4	250·2	1st	268·7	+1·1	*268·6*	27	+ 10
415	Salt Lake City	40 46	111 54	1329	871·2	1022·3	+ 3·6	278·8	285·8	9th	271·7	262·4	2nd	275·2	+1·5	*275·0*	30	− 7
416	Cheyenne	41 8	104 48	1856	813·4	1020·6	+ 3·2	279·5	290·8	16th	266·3	253·0	3rd	272·9	+3·3	*273·1*	8	− 6
416a	North Platte	41 8	100 45	859	920·9	1024·0	+ 4·6	278·1	293·6	21st	264·3	249·1	1st	271·2	+1·7	*270·6*	21	+ 8
417	Bismarck	46 47	100 38	511	961·5	1025·7	+ 4·6	267·1	283·0	23rd	256·5	241·3	7th	261·8	+1·9	*261·7*	10	− 2
418	Winnipeg	49 53	97 7	232	993·2	1024·2	+ 2·4	260·8	279·1	16th	250·8	238·0	29th	255·8	+0·9	256·4	6	− 15
419	Duluth	46 47	92 6	345	978·3	1022·3	+ 3·3	264·1	280·2	17th	254·2	241·9	2nd	259·1	−1·5	*259·0*	9	− 14
420	Port Arthur	48 27	89 12	196	995·8	1021·7	+ 2·7	264·7	280·8	16th	251·9	243·0	2nd	258·3	−0·9	*258·2*	2	− 16
421	Chicago	41 53	87 37	251	990·4	1022·0	+ 3·2	272·6	283·0	22nd	265·7	253·6	7th	269·1	−0·4	*269·3*	22	− 33
422	New York (Central Park)	40 46	73 58	30·2	1012·0	1015·8	− 2·0	274·4	288·6	1st	267·0	256·3	14th	270·7	−1·4	270·8	121	+ 31
423	St. John, N.B.	45 17	66 4	36·2	1008·2	1012·9	− 1·1	269·7	280·8	1st	261·3	248·6	21st	265·5	−0·8	265·2	38	− 61
424	S.W. Point, Anticosti	49 24	63 33	9·1	1009·7	1010·9	+ 1·0	265·8	277·4	26th	251·3	235·8	14th	258·6	−4·5	..	64	+ 23
424a	Sable Island (Main Station)	43 57	60 6	7·6	1012·6	1013·6	+ 1·1	274·1	280·2	7th	268·6	258·6	21st	271·3	+0·1	..	174	+ 53
425	Port aux Basques	47 35	59 10	9·1	1011·0	1012·2	+ 2·0	268·6	276·3	1st, 27th	261·9	253·0	12, 13, 21	265·2	−0·2	..	120	+ 26
426	St. John's, Newfoundland	47 34	52 42	38·1	1005·6	1010·5	+ 2·1	270·8	281·3	7th	263·0	249·7	15th, 16th	266·9	−1·3	..	153	+ 24
435	Madrid	40 24	3 41	655	941·4	1019·4	− 1·0	284·7	291·8	16th, 18th	272·5	267·9	25th	278·6	−1·1	278·3	24	− 8
436	Nantes	47 15	W 1 34	36·5	1008·0	1012·5	− 5·8	282·0	286·0	20th	276·1	271·1	25th	279·1	+0·4	278·9	134	+ 79
437																		
438	Paris (Parc St. Maur)	48 49	E 2 29	50·3	1005·4	1011·7	− 6·7	280·8	285·8	14th	273·8	268·6	24th	277·3	+0·7	277·3	82	+ 49
438a	Marseilles	43 18	5 23	74·8	1004·4	1013·6	− 2·8	285·3	291·9	19th	277·0	272·6	11th	281·1	+0·5	280·9	130	+ 89
439	Zürich	47 23	8 33	493	954·9	1014·7	− 5·7	279·5	285·8	4th	272·3	267·3	23rd	275·9	+1·6	275·4	97	+ 41
440	Rome	41 54	12 28	50·6	1007·7	1013·6	− 2·9	280·6	292·2	24th	277·8	273·8	12th	282·2	+0·7	*281·8*	56	− 8
440a	Vienna	48 15	16 22	203	989·0	1014·7	− 4·2	276·6	284·2	17th	272·0	267·4	22nd	274·3	+1·1	274·1	50	+ 17
441	Buda-Pesth	47 31	19 1	130	1000·4	1016·6	− 2·5	277·2	283·0	15th	272·1	267·5	22nd	274·6	+1·2	*274·2*	45	+ 15
442	Monastir	41 1	21 23	617	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Bucharest	44 25	26 6	82	1007·2	1017·5	− 2·8	279·9	286·7	10th	270·9	266·5	1st	275·4	+2·3	274·7	48	+ 21
443																		
444	Odessa (University)	46 29	30 44	65·3	1010·7	1019·0	− 0·4	277·0	280·5	17th	272·6	266·3	1st	274·8	+4·2	*274·8*	29	+ 8
444a	Kharkov (University)	50 0	36 14	140	1004·4	1022·3	+ 1·6	272·1	276·7	12th	267·3	258·5	28th	269·7	+2·5	269·7	38	+ 12
445	Novorossiisk	44 44	37 49	37·1	1014·8	1019·5	+ 1·2	281·3	287·6	12th	273·7	268·6	2nd	277·5	+1·1	*277·3*	35	− 34
446	Tiflis	41 43	44 48	404	973·6	1023·2	+ 1·4	281·2	289·2	20th	272·4	267·5	11th	276·8	+1·1	*276·1*	53	+ 34
447	Astrakhan	46 21	48 2	−13·8	1029·1	1027·3	+ 4·9	271·6	275·2	16th	265·0	250·2	28th	268·3	+1·4	*268·2*	1	− 8
448	Fort Alexandrovsk	44 30	50 16	24	1021·8	1024·8	+ 2·8	272·3	276·5	14th	266·3	261·5	24th	269·3	−0·6	*269·1*	0	− 8
	Krasnovodsk	40 0	52 59	−14·6	1024·8	1023·0	+ 1·4	280·7	287·8	17th	272·9	261·9	23rd	276·8	−0·7	*276·6*	18	+ 3
449																		
450	Aralskoe More	46 47	61 42	57·0	1022·4	1030·2	+ 3·8	263·7	270·8	4th	254·2	248·2	28th, 29th	259·0	−0·5	*258·8*	15	..
451	Tachkent	41 20	69 18	479	966·0	1025·4	+ 1·2	277·7	285·1	17th	267·3	257·0	9th	272·5	−2·5	*271·8*	16	− 14
452	Narynskoe	41 26	76 0	?2015	793·1	..	..	..	..	..	253·0	245·7	11th	..	+1·0	*259·3*	8	..
	Vernyi	43 16	76 53	?825	924·7	1026·9	− 0·7	270·8	283·1	19th	258·6	241·8	23rd	264·7	..	*264·3*	23	..
461	Mukden	41 48	123 23	43·8	1018·8	1024·6	− 1·8	269·5	276·6	2nd, 22nd	258·0	246·8	19th	263·7	+0·2	263·5	10	+ 4
463	Joshin	40 40	129 11	4·0	1019·8	1020·3	+ 0·2	274·5	281·4	3rd	265·4	260·6	14th	269·9	+1·5	270·0	10	− 6
464	Yuki	42 20	130 24	65·6	1012·6	1021·2	..	270·9	277·5	3rd	263·2	259·6	1st	267·1	..	267·1	9	..
465	Vladivostok	43 7	131 55	28·8	1017·4	1021·1	− 0·7	268·5	277·6	3rd	259·4	254·7	1st	264·0	+0·6	263·6	18	+ 9
466	Ochiai	47 20	142 44	6·6	1012·9	1013·8	+ 0·6	267·5	273·9	25th	255·9	239·8	1st	261·7	+3·7	262·9	40	0
466a	Nemuro	43 20	145 35	26·7	1008·5	1011·9	− 0·4	271·8	275·3	23rd	265·1	260·6	22nd	268·4	+1·0	268·5	59	+ 39
	Syana	45 14	147 53	39·3	1004·8	1009·8	− 1·6	270·6	274·4	26th	263·9	254·5	29th	267·3	+1·7	267·8	58	+ 8
		N.	E.															

Between Latitude 40° N. and 30° N. FEBRUARY—ZONE 5 (Western Half).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean	Temperature: Diff. from Normal	Temperature: †24hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		N.	W.															
511	San Francisco	37 48	122 26	47·2	1013·6	1019·3	+ 0·2	289·8	295·2	16th	282·7	278·0	1st	286·2	+2·4	*286·1*	96	+ 5
512	San Luis Obispo	35 18	120 39	61·3	1012·6	1020·0	+ 1·0	292·2	302·4	15th	280·9	275·2	1st	286·6	+1·7	*286·5*	60	− 38
513	San Diego	32 43	117 10	26·5	1015·6	1018·9	+ 1·3	290·5	298·6	15th	282·5	276·3	1st	286·5	+0·4	*286·0*	17	− 35
514	Modena	37 48	113 54	1670	835·9	1020·0	+ 2·6	281·8	288·0	11th	268·7	250·8	1st	275·3	+2·4	*275·1*	13	− 15
515	Santa Fé	35 41	105 57	2138	788·9	1020·3	+ 4·4	281·6	286·9	11th	269·9	254·1	1st	275·7	+2·3	*275·3*	5	− 14
516	Denver	39 45	105 0	1613	838·5	1020·6	+ 4·4	282·7	291·3	11th	268·3	253·0	1st	275·5	+2·9	*275·4*	1	− 12
517																		
518	Abilene	32 23	99 40	530	958·5	1020·6	+ 2·3	291·7	301·3	11th	274·2	261·3	2nd	283·0	+2·5	*282·6*	0	− 25
519	Saint Louis	38 38	90 12	173	1001·3	1022·7	+ 3·0	278·1	293·0	22nd	268·9	259·1	7th	273·5	−0·4	*273·4*	45	− 25
520	Mobile	30 41	88 2	17·4	1019·0	1021·0	+ 1·4	290·1	298·0	9th	279·2	268·0	3rd	284·7	−0·6	*284·2*	81	− 54
521	Nashville	36 10	86 47	166	1002·0	1022·3	+ 2·1	282·2	294·7	17th	271·7	263·6	3rd	276·9	−0·9	*277·2*	30	− 80
522	Charleston	32 47	79 56	14·6	1017·1	1018·9	− 1·2	289·1	297·4	1st	270·2	267·4	15th	284·1	+0·2	*284·1*	37	− 47
	Washington	38 54	77 3	34·1	1013·5	1017·9	− 1·7	278·6	289·1	20th	269·8	258·6	15th	274·2	−0·5	*273·9*	72	− 12
524	Bermuda	32 18	64 46	46·0	1013·6	1019·1	+ 0·8	292·4	294·9	14th	286·1	282·2	28th	289·3	−0·5	*289·2*	130	+ 20
530	Santa Cruz (Flores)	39 27	31 9	28	1026·2	1029·3	+ 8·2	289·8	292·6	20th	285·7	283·0	25th	287·8	+1·3	*287·9*	88	− 92
531	Horta	38 32	28 38	63	1021·2	1028·4	+ 9·5	289·1	292·2	16th	285·6	282·0	23rd	287·4	−0·5	*286·8*	41	− 61
532a	Ponta Delgada	37 44	25 40	22	1025·9	1027·7	+ 7·7	289·2	291·0	7th, 14th	285·5	281·1	22nd	287·4	+0·4	287·5	..	..
533	Faja da Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	34	−104
534	Madeira (Funchal)	32 37	16 54	25	1021·7	1024·7	+ 3·9	290·8	292·7	24th	285·2	283·0	23rd	288·0	−0·5	*287·9*	37	− 42
535	Lisbon	38 43	9 9	95	1009·2	1020·8	+ 0·9	286·9	289·4	15th	281·8	279·4	25th	284·3	+0·1	*284·2*	83	− 4
536	Gibraltar	36 6	5 21	16·2	1019·3	1021·3	+ 2·5	288·9	291·9	17th, 19th	281·6	278·7	7th	285·3	−1·0	*285·4*	114	+ 7
536a	Melilla	35 18	2 59	8	1023·1	1024·1	+ 3·8	290·8	294·0	17th	281·3	277·8	15th	286·0	−0·7	*287·8*	17	− 51
		N.	W.															
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Estimates not based on at least six equally-spaced observations each day are in *italics*.

FEBRUARY—ZONE 5 (Eastern Half). Table representing the Meteorology of the Globe between Latitude 40° N. and 30° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ N.	° ′ E.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
537	Palma	39 34	2 38	23	1012·9	1015·7	− 2·0	288·0	292·4	18th	280·7	277·8	14th	284·3	0·0	..	60	+ 25
538	Algiers (Bouzaréah)	36 48	3 2	344	976·5	1017·7	− 0·8	286·3	292·8	24th	280·8	275·9	10th	283·5	0·0	283·2	97	+ 35
539	Tunis	36 48	10 10	33	..	..	..	290·0	299·0	23rd	281·9	277·4	6th	285·9	+2·1	*285·4*	36	− 10
539*a*	Malta	35 53	14 30	58·8	..	1015·1	− 1·9	287·9	292·0	25th	284·0	280·9	11th	285·9	+0·5	*285·4*	174	+123
540	Riposto	37 41	15 14	14·2	..	1016·3	− 0·2	287·8	291·2	25th	282·9	280·2	18th	285·3	−0·1	*284·5*	113	+ 31
541	Athens	37 58	23 43	107	1003·1	1016·2	− 0·4	286·6	291·3	26th	280·0	276·5	2nd	283·3	+1·2	283·2	46	+ 8
542	Alexandria	31 12	29 53	32·0	1014·0	1017·9	+ 0·5	292·9	295·2	27th	284·8	283·0	3rd, 11th	288·8	+0·8	*287·8*	14	− 10
543	Cairo (Helwan)	29 52	31 20	116	1003·7	1017·5	+ 0·6	293·3	297·1	22nd, 27th	282·6	277·9	4th	288·0	+0·5	287·7	3	− 2
544	Nicosia (P.W.D.)	35 9	33 22	159	997·6	1016·7	+ 0·9	288·6	293·0	12th	?277·9	272·4	3rd	?283·2	−0·1	..	65	+ 22
544*a*	Beirut	33 54	35 28	33·7	..	1016·7	+ 1·9	289·8	294·1	12th	284·0	281·4	2nd, 6th	286·9	0·0	..	126	− 20
545	Baghdad	33 21	44 28	38·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
546	Busrah	30 31	47 53	7·6	1015·9	1017·1	− 3·4	292·4	297·6	22nd	280·1	272·5	1st	286·3	−0·7	..	50	+ 23
546*a*	Lenkoran	38 46	48 51	− 19·3	1025·2	1022·9	+ 1·5	..	285·0	14th	275·3	271·0	3rd	..	+0·3	*277·8*	138	+ 65
547	Teheran	35 41	51 25	1220	..	..	..	281·6	286·3	21st	271·9	265·8	1st, 2nd	276·8	−1·5	*276·7*	43	+ 17
548	Meshed	36 16	59 35	946	..	..	..	280·1	288·2	21st	268·0	260·5	2nd	274·1	−2·0	..	27	+ 3
549	Seistan	31 0	61 30	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
550	Quetta	30 11	67 3	1677	831·6	..	− 2·4	282·5	289·5	25th	270·4	264·6	6th	276·5	−2·1	*276·4*	39	− 12
551	Peshawar	34 2	71 37	339	976·2	1016·9	− 2·3	290·7	296·4	22nd	278·9	274·4	7th	284·8	−0·5	*284·2*	39	+ 6
551*a*	Lahore	31 34	74 20	214	988·9	1014·6	− 2·0	294·7	299·9	25th	281·0	274·3	8th	287·9	+0·3	*287·5*	12	− 13
552	Simla	31 7	77 8	2205	778·6	..	− 1·3	281·0	284·7	13th	275·1	269·1	7th	278·0	+0·2	*277·9*	74	− 10
552*a*	Leh	34 10	77 42	3503	660·5	..	− 2·9	275·7	281·5	1st	262·3	256·0	8th	269·0	+2·1	*268·0*	3	− 6
559	Hang Kow	30 35	114 17	37·0	1018·7	1023·3	− 2·2	281·4	287·0	2nd, 14th	275·4	271·9	10th	278·4	−0·3	*278·3*	55	+ 18
560	Tientsin	39 10	117 10	5·0	1024·7	1025·3	− 1·1	277·1	284·0	2nd	267·6	264·5	12th	272·3	+0·8	*272·1*	5	+ 2
561	Shanghai (Zi-Ka-Wei)	31 12	121 26	7	..	1021·7	− 3·2	282·0	287·6	18th	275·1	269·5	13th	278·5	+0·7	277·8	69	+ 11
562	Jinsen (Chemulpo)	37 29	126 37	67·6	1012·7	1021·4	− 1·7	276·9	283·8	4th	268·9	263·9	9th	272·9	+0·3	272·2	69	+ 6
562*a*	Nagasaki	32 44	129 52	133	1000·7	1017·1	− 2·8	283·6	290·9	24th	276·5	272·7	14th	280·0	+1·0	279·6	98	+ 20
563	Kioto	35 1	135 44	42·9	1010·6	1015·9	− 2·7	283·1	288·7	25th	272·8	268·5	14th, 15th	277·9	+1·8	277·5	123	+ 62
564	Tokio	35 41	139 45	21·3	1011·7	1014·3	− 1·4	282·2	288·4	29th	272·9	269·4	14th	277·5	+0·6	277·1	113	+ 59
565	Kanayama	37 53	140 46	24·6	1011·3	1014·4	− 1·2	278·6	289·3	29th	270·2	264·9	3rd	274·4	0·0	274·0	113	+ 46
566	Miyako	39 38	141 59	30·4	1010·1	1013·9	− 0·7	279·3	286·9	25th	268·7	264·7	27th	274·0	+0·9	273·4	141	+ 75
		N.	E.															

FEBRUARY—ZONE 6. Between Latitude 30° N. and 20° N.

		N.	W.															
605	Honolulu	21 19	157 52	11·6	1014·5	1015·8	− 1·6	298·2	300·2	..	292·9	290·2	..	295·6	+1·0	*295·9*	82	− 22
606																	..	..
615	Zacatecas	22 47	102 35	2610	..	..	..	..	..	..	..	..	..	..	..	..	..	..
616	Leon	21 7	101 41	1800	..	..	..	..	..	..	..	..	..	..	..	..	..	..
617	Tulancingo	20 5	98 22	2180	..	..	..	..	..	..	..	..	..	..	..	..	12	+ 65
618	Galveston	29 18	94 50	16·5	1020·2	1022·0	+ 3·2	290·9	296·9	23rd	284·3	271·9	2nd	287·6	+1·0	*287·1*	5	− 44
618*a*	New Orleans	29 58	90 4	16·2	..	1021·7	+ 2·7	291·9	299·7	12th	281·4	271·9	3rd	286·7	−0·3	*286·2*	70	− 24
619	Havana	23 8	82 21	24·3	..	1019·1	+ 1·2	297·9	303·0	2nd	290·9	285·5	17th	294·4	0·0	*294·6*	4	− 26
620	Key West	24 33	81 48	6·7	1018·1	1018·9	+ 0·3	296·9	300·8	2nd	290·8	284·1	15th	293·9	−1·4	*293·2*	11	+ 47
621	Nassau, Bahamas	25 5	77 21	3·7	..	..	..	..	..	..	291·6	287·2	28th	..	−0·6	*294·2*	88	..
622	Watling Island	24 6	74 26	33·5	1014·1	1018·0	− 0·3	..	299·1	15th	..	290·8	16th	..	..	*295·4*	..	..
633	Izaña	28 19	16 30	2367	768·9	..	..	279·5	287·6	7th	272·0	267·0	28th	275·7	..	275·3	19	− 43
634	La Laguna	28 28	16 20	547	958·3	1022·7	+ 2·1	288·8	291·1	5th	281·9	278·2	19th	285·3	−0·4	*284·8*	30	− 4
636	Colomb-Béchar	31 38	W 2 13	?	..	..	..	..	..	..	..	..	..	..	..	..	0	..
637	Timimoun	29 9	E 0 10	?	..	..	..	296·1	304·2	29th	279·4	274·6	12th	287·7	..	*286·9*	..	..
641	Siwa	29 12	25 29	− 23	..	..	..	..	..	..	..	..	..	..	..	..	..	..
642																	..	..
643	Aswan	24 2	32 53	99·6	1003·5	1015·1	− 1·4	300·1	305·7	28th	285·4	283·3	3, 10, 19	292·8	+1·5	*291·5*	..	..
644	Tor	28 13	33 37	1·9	1015·5	1015·7	− 0·3	295·3	300·2	28th	283·4	279·5	4th	289·4	+0·8	*288·9*	28	− 36
647	Bushire	28 59	50 53	4·3	1017·2	1017·6	+ 1·1	290·2	296·8	29th	282·7	278·7	2nd	286·5	−1·6	*286·2*	27	− 15
648	Jask	25 44	57 47	4·0	1016·4	1016·9	+ 1·4	296·6	300·5	23rd	288·0	281·1	5th	292·3	−0·9	*292·0*	7	− 10
649	Robat	29 45	60 55	?	910·9	..	..	289·9	296·1	22nd	..	..	..	278·1	..	..	29	− 10
649*a*	Karachi	24 53	66 57	4·0	1015·0	1015·4	− 0·9	296·9	299·2	27th	287·9	280·7	7th	292·4	−1·6	*292·1*	1	− 29
650	Hyderabad, Sind	25 24	68 18	29·3	1011·2	1014·6	− 1·5	299·2	305·2	25th	284·4	275·3	6th	291·8	−0·8	*291·5*	0	− 31
650*a*	Jacobabad	28 17	68 29	56·7	1008·5	1015·2	− 1·1	298·4	304·3	23rd	281·2	272·0	6th	289·8	−0·4	*289·4*	0	− 31
651	Jaipur	26 56	75 52	436	964·0	1014·9	− 2·1	298·4	304·1	26th	282·1	274·7	6th	290·2	−0·9	*289·6*	3	+ 17
652	Nagpur	21 8	79 5	310	978·0	1013·6	− 1·5	303·8	309·2	27th	288·5	281·8	8th	296·2	−0·3	*296·0*	28	− 6
653	Allahabad	25 25	81 51	94·1	1002·1	1013·3	− 2·4	299·1	305·6	27th	284·3	276·6	9th	291·7	+0·1	*291·1*	22	+ 15
653*a*	Darjiling	27 3	88 18	2266	773·0	..	− 2·6	283·7	287·4	8th	276·0	273·2	11th	279·8	+1·3	*279·7*	40	+ 20
654	Calcutta	22 36	88 23	6·4	1011·8	1012·5	− 2·4	302·1	306·9	28th	288·4	282·7	10th	295·3	+0·6	*295·0*	9	+ 2
655	Gauhati	26 8	91 41	59·7	1006·3	1013·3	− 2·9	299·3	302·3	16th	284·8	280·4	9th	292·1	+0·9	*291·2*	29	+ 6
655*m*	Cherrapunji	25 15	91 42	1314	867·4	..	− 2·4	290·2	293·2	17th	281·9	278·6	19th	286·1	+0·8	*285·4*	3	− 19
655*a*	Akyab	20 11	92 56	6·1	1011·4	1012·0	− 2·1	301·9	303·6	27th	289·2	286·6	10th, 11th	295·6	−0·2	*295·4*	0	− 19
656	Mandalay	21 59	96 0	76·2	1003·0	1011·9	− 1·8	306·4	309·3	28th	289·2	284·2	13th	297·8	+0·8	*297·1*	7	− 10
656*a*	Tengyueh	24 59	98 35	1633	831·8	..	..	290·9	293·0	29th	275·9	272·4	14, 24, 26	283·4	..	*282·9*	8	− 10
657	Phu Lien	20 48	106 37	116	999·1	1012·8	− 4·1	293·7	299·5	5th	288·7	282·8	13th	291·2	+0·8	290·6	24	− 5
658	Moncay	21 31	107 51	9	1012·7	1013·8	− 3·4	293·2	299·5	24th	287·3	283·0	11th	290·3	+0·8	*290·4*	..	..
659	Hong Kong	22 18	114 10	33·2	..	1014·9	− 3·9	290·2	296·9	24th	286·4	282·7	14th	288·3	+0·5	288·3	33	− 45
660	Amoy	24 27	118 4	ca.3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
661	Taihoku, Formosa	25 2	121 31	9·3	1015·4	1016·5	− 3·5	292·2	298·0	20th	286·2	280·1	14th	289·2	+1·1	288·7	154	+ 49
661*a*	Santo Domingo	20 28	121 59	18·7	..	1010·8	− 3·6	298·5	302·0	23rd, 24th	293·1	289·5	7th	295·8	+0·1	*295·6*	87	+ 4
662	Naha	26 13	127 41	10·5	1014·2	1015·5	− 3·1	293·6	298·4	23rd	286·7	280·4	15th	290·2	+1·1	289·9	138	+ 56
665	Titizima (Bonin Islands)	27 5	142 11	4·0	1012·1	1012·6	− 4·0	293·5	296·9	25th	288·4	284·0	21st	290·9	+0·5	291·0	124	+ 56
		N.	E.															
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Estimates not based on at least six equally-spaced observations each day are in *italics*.

Table representing the Meteorology of the Globe between Latitude 20° N. and 10° N. FEBRUARY—ZONE 7.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
715	Zapotlanejo	19 38	103 37	1529	..	..	..	..	..	..	..	..	..	..	..	..	..	..
716	Morelia	19 42	101 0	1933	..	..	..	..	..	..	..	..	..	..	..	..	..	..
717	Mexico	19 26	99 8	2259	781·0	..	+ 2·8	293·4	297·8	29th	279·4	276·4	8th	286·4	−0·4	286·5	14	+ 7
718	Oaxaca	17 4	96 44	1563	..	..	..	..	..	..	..	..	..	..	..	..	..	..
718*a*	Salina Cruz	16 12	95 16	56·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
719	San Salvador	13 42	89 12	684	938·0	1014·8	+ 1·4	297·8	311·0	23rd	293·0	282·7	18th	295·4	−0·4	*295·4*	0	− 4
740	Belize	17 29	88 12	5·2	..	..	..	..	301·3	..	..	291·3	..	..	..	..	88	+ 13
721	Jamaica (Negril Point)	18 15	78 23	10·1	..	1015·2	− 0·1	301·1	303·2	sev. dates	293·2	290·2	28th	297·1	−0·3	*296·9*	67	+ 28
722	Port au Prince	18 34	72 22	37·4	1011·4	1015·7	− 0·1	304·6	307·6	11th	293·6	292·1	15th	299·1	+0·4	297·7	43	− 14
723	Caracas	10 31	66 56	1042	899·8	..	+ 0·1	297·5	300·9	22nd	286·3	282·8	3rd	291·8	−0·7	*290·7*	34	+ 23
723*a*	St. Croix (Christiansted)	17 45	64 42	6·6	..	..	..	299·4	301·0	24th, 25th	295·4	293·7	3rd	297·4	−0·4	*297·3*	64	+ 10
723*b*	Montserrat	16 41	62 9	39·6	1010·6	1015·2	− 1·0	301·0	303·0	9, 26, 29	294·3	292·4	25th, 28th	297·7	..	*297·2*	96	..
724	Grenada (Richmond Hill)	12 3	61 45	155	994·9	1012·8	− 0·8	301·4	303·6	10th	295·1	293·6	3rd	298·2	+0·2	*297·8*	67	− 5
725	Barbados	13 8	59 36	55·2	..	1014·3	− 0·6	301·7	302·8	26th, 28th	293·9	290·8	4th	297·8	+0·4	*296·7*	34	− 1
731	St. Vincent, C. Verde Is.	16 54	25 4	11	1014·1	1015·4	+ 0·2	295·6	297·0	26th	292·2	291·0	sev. dates	293·9	−0·4	*294·5*	0	− 5
732	San Tiago, C. Verde Is.	14 54	23 31	?40	1010·5	1015·2	+ 0·3	297·1	300·6	20th	292·5	290·5	28th	294·8	−0·4	*294·7*	16	+ 14
733	Bathurst	13 24	16 36	1·5	..	1013·2	+ 0·2	302·9	306·9	7th, 13th	289·7	287·4	3rd, 12th	296·3	−0·6	*295·9*	1	+ 1
734	M'Carthy Island	13 42	14 46	1·1	..	..	..	309·9	311·9	27th	288·1	286·3	24th	299·0	−1·4	..	0	0
735	Ségou	13 34	6 17	300	..	..	..	..	..	..	..	..	..	..	..	..	..	..
736	Timbuctoo	16 43	W 3 1	270	..	..	..	303·6	312·6	26th	285·7	278·7	3rd	294·7	−1·8	*294·5*	..	..
737	Sokoto	13 2	E 5 14	353	..	..	..	308·6	313·0	29th	289·7	285·2	4th	299·2	+0·3	..	0	0
738	Kaduna Junction	10 50	7 25	640	..	..	..	306·3	310·2	29th	287·9	283·0	15th	297·1	−0·5	..	0	− 5
739	Katagum	12 17	10 22	30·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
740	Maiduguri	11 47	13 11	361	..	..	..	308·9	313·6	2nd, 29th	289·2	286·3	22nd, 23rd	299·1	+0·2	..	..	..
743	El Obeid	13 11	30 14	569	947·1	1011·5	0·0	305·7	310·8	14th	284·6	280·3	25th	295·2	−1·2	*295·2*	0	0
743*a*	Khartoum	15 37	32 33	390	966·3	1010·0	− 1·1	305·3	309·4	13th	288·6	284·4	25th	297·0	0·0	*296·0*	0	0
744	Port Sudan	19 37	37 13	5·9	1013·0	1013·7	0·0	299·7	302·8	16th	290·2	286·4	29th	295·0	−1·0	*294·8*	0	− 6
745	Berbera, Somaliland	10 22	45 2	10·1	..	1014·7	− 0·1	302·1	304·1	10th	293·6	289·7	7, 8, 9	297·9	−0·3	*297·3*	46	+ 38
751	Aden	12 45	45 3	28·7	1011·2	1014·5	− 0·9	299·1	302·1	25th	295·2	292·6	9th	297·1	−0·9	*296·5*	3	− 3
751*a*	Bombay	18 54	72 49	11·3	1012·5	1013·9	− 0·7	300·4	302·4	9th	292·7	288·1	7th	296·6	−0·6	*296·2*	0	− 1
752	Cochin	10 58	76 21	2·7	1011·9	1012·1	− 1·0	304·9	306·2	18th	296·6	293·9	3rd, 4th	300·8	−0·1	*300·3*	13	− 6
752*a*	Kodaikanal	10 14	77 28	2343	771·4	..	− 0·8	292·2	295·7	2nd, 24th	281·7	278·3	4th	286·9	+0·2	*285·9*	2	− 43
753	Bangalore	12 59	77 38	920	911·7	1012·8	− 1·0	303·7	306·6	24th	289·2	285·5	2nd	296·4	+0·9	*296·1*	0	− 5
754	Madras	13 4	80 14	6·7	1012·2	1012·9	− 1·4	304·0	307·8	29th	293·7	290·1	5th	298·8	+0·7	*298·4*	0	− 8
755	Port Blair	11 45	83 16	68·9	1005·2	1013·0	− 1·7	303·1	305·1	4th	294·8	292·9	1st	298·9	+0·7	*298·4*	6	− 20
756	Rangoon	16 46	96 40	17·7	1010·0	1011·9	− 1·2	303·4	305·0	20th	295·7	293·5	5th, 26th	299·6	−0·9	*299·1*	0	− 26
757	Saigon	10 47	95 48	5·5	1011·3	1012·0	− 1·4	305·3	307·4	29th	292·3	290·7	1st	298·8	−0·6	*297·6*	0	− 7
758	Nhatrang	12 15	106 42	11·2	1008·8	1010·0	− 1·1	305·2	308·6	25th	293·7	291·7	14th	299·5	−0·7	*299·8*	0	− 3
759	Bolinao	16 24	109 12	3·6	1010·7	1011·1	− 2·7	300·8	303·9	28th	291·9	288·9	3rd	296·3	−1·7	*295·7*	1	− 16
761*a*	Vigan	17 34	120 23	9·7	..	1009·1	− 3·2	303·3	306·6	22nd, 23rd	294·5	289·4	8th	298·9	−0·4	298·6	61	+ 50
762	Manila	14 35	120 59	12·2	..	1009·3	− 2·8	302·2	304·5	20th, 28th	294·3	291·5	7th, 9th	298·3	−0·3	298·3	64	+ 59
763	Ormoc	11 0	124 36	14·2	..	1009·3	− 3·3	303·8	306·2	23rd	294·1	289·9	8th	298·9	0·0	298·3	24	+ 13
764	Guam, Ladrone Is.	13 24	144 38	20·4	..	1008·2	− 1·9	302·2	304·0	28th	296·6	294·2	4th	299·4	+0·3	*299·4*	253	+143
		N.	E.														168	+ 92

Between Latitude 10° N. and 0°. FEBRUARY—ZONE 8.

		N.	W.															
805	Fanning Island	3 55	159 23	4·3	..	..	..	304·4	307·4	18th	297·4	296·3	28th	300·9	+0·2	*299·7*	29	−251
821	Colon	9 23	79 23	7·6	..	1012·8	+ 0·8	301·8	302·4	29th	297·4	295·8	18th	299·6	+0·2	*299·2*	50	+ 8
822	Bogota	4 36	74 6	2645	..	..	..	..	..	..	..	..	..	..	..	..	32	− 28
822*a*	Merida	8 36	71 10	1641	841·5	..	..	295·5	298·3	23rd	287·8	285·2	6th	291·6	..	*290·6*	74	..
824	El Peru, Guayanavieja	7 30	62 0	220	985·4	1010·4	− 0·9	302·9	304·8	24th	293·8	292·1	29th	298·3	+0·7	*297·7*	40	− 35
825	Georgetown, Brit. Guiana	6 50	58 12	1·8	..	1013·3	− 2·0	301·9	302·7	23, 25, 28	296·9	294·9	1st	299·4	+0·3	*299·6*	130	− 18
826	Paramaribo	5 49	55 9	3·7	..	..	..	302·6	303·8	7th, 10th	295·2	293·4	29th	298·9	+0·2	*298·5*	130	− 49
826*a*	Cayenne	4 56	52 21	6	..	..	..	302·8	303·2	7, 19, 21	296·6	294·0	11th	299·7	+0·3	*299·7*	141	−171
833	Conakry	9 31	13 43	16	1007·6	1009·4	− 2·0	305·7	307·6	..	296·4	294·8	..	301·1	+0·5	*300·5*	0	0
834	Freetown, Sierra Leone	8 30	13 9	68·3	1002·6	1010·4	− 0·6	306·8	310·8	29th	296·7	295·2	8th, 9th	301·8	+0·9	*301·2*	1	− 6
835	Cape Coast Castle	5 5	1 13	?	..	..	..	304·4	305·8	19th	294·2	292·4	4th	299·3	−0·6	*298·7*	0	− 26
836	Accra	5 12	W 0 12	18	..	..	..	305·7	308·0	17th	296·7	293·0	5th	301·2	+1·1	*300·6*	0	− 32
837	Lagos	6 27	E 3 24	1·8	1010·3	1010·5	− 1·3	304·6	305·4	..	297·7	294·2	..	301·1	+0·3	*300·6*	37	− 14
838	Zungeru	9 49	6 10	130	995·2	1010·0	− 0·6	309·6	314·1	29th	292·4	289·1	3, 4, 29	301·0	−0·6	..	0	− 1
839	Libreville	0 23	9 26	35	1003·7	1007·7	..	306·1	307·5	3rd, 15th	295·9	294·5	12, 14, 23	301·0	+1·3	*300·4*	326	+ 89
841	Yola	9 12	12 30	259	..	..	..	310·7	313·6	25th	295·8	293·6	29th	303·3	+1·4	..	0	0
842	Wau	7 42	28 3	440	957·7	1006·7	− 1·7	310·5	313·0	15th	291·9	288·5	26th, 27th	301·2	+0·4	*300·4*	0	− 6
843*a*	Mongalla	5 11	31 47	439	957·6	1005·8	− 1·8	309·1	312·5	13th, 15th	294·4	280·5	25th	301·8	+0·2	*300·8*	17	− 2
844	Malakal (Kodok)	9 35	31 37	394	963·5	1007·6	− 0·5	311·0	313·1	14, 15, 16	292·2	280·5	26th	301·6	+0·4	*300·2*	0	0
845	Entebbe	0 5	32 29	1171	882·3	..	− 0·9	299·6	300·2	5, 10, 15	290·8	280·1	8th, 24th	295·2	0·0	*294·5*	151	+ 60
852	Harrar	9 42	42 30	1856	..	..	..	295·2	297·0	sev. dates	286·3	285·0	6th, 7th	290·8	−1·9	..	117	+ 85
853	Minicoy	8 17	72 49	2·1	1014·2	1014·4	+ 1·5	..	..	..	..	..	..	..	..	..	13	− 4
854	Colombo Observatory	6 54	79 53	7·3	1009·3	1010·1	− 0·3	303·8	304·9	17th	294·2	290·8	6th	299·0	−0·0	*298·5*	2	− 51
855	Trincomalee	6 59	80 47	1886	..	..	..	295·3	298·1	26th	278·4	272·6	4th	286·9	−0·3	*285·9*	4	− 47
856	Kota Radja	8 34	81 14	30·2	1007·6	1011·0	− 0·1	305·1	307·2	27th	295·7	293·3	28th	300·4	+0·5	*299·9*	3	− 49
857	Medan	3 35	98 41	25·0	..	1009·6	− 1·8	303·5	306·3	15th	294·1	292·2	19th	298·8	..	298·3	103	+ 13
858	Penang	5 34	100 20	6·3	1009·0	1009·7	− 0·9	305·0	306·9	21st	294·9	291·9	1st	299·9	−0·9	*299·3*	65	− 30
859	Singapore	1 17	103 51	3·0	1008·9	1009·2	− 1·3	305·2	307·2	24th	295·

FEBRUARY—ZONE 9.

Table representing the Meteorology of the Globe between Latitude 0° and 10° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
905	Malden Island	4 2	155 1	7·9	1009·9	1010·8	+ 0·8	305·5	306·3	sev. dates	296·1	293·6	4th	300·8	−0·9	*300·1*	2	− 37
921	Quito	0 10	78 35	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
924	Manaos	3 8	60 1	44·9	1006·5	1011·7	− 1·0	303·7	308·0	21st	296·0	294·6	1st	299·9	−0·8	*299·1*	280	+ 73
926	Taperinha	2 30	54 42	20·0	1008·8	1011·1	..	..	..	..	295·0	293·2	17th	..	..	*297·5*	523	− 85
927	Turyassu	1 43	45 27	15·0	1008·2	1009·9	− 1·0	304·7	305·4	21st	295·3	294·1	2nd	300·0	+0·2	*298·9*	224	− 57
928	Barra do Corda	5 31	45 16	81·0	1000·2	1009·5	− 0·9	304·9	306·8	8th	295·1	293·0	1st	300·0	+0·7	*298·7*	122	− 56
929	Quixeramobim	5 16	39 15	207	987·0	1011·4	− 0·2	306·3	308·0	27th	298·5	296·5	2nd	302·4	+1·0	*301·6*	45	− 15
930	Fernando Noronha	3 50	W32 55	95·0	999·0	1010·0	− 1·0	301·3	302·5	16th	297·5	295·2	17th	299·4	..	*298·9*	96	..
939	Loanda	8 49	E 13 13	59·3	..	1008·2	− 2·1	302·0	303·5	10th	297·3	296·0	5, 10, 19	299·7	+0·9	299·7	49	+ 14
940	Brazzaville	4 17	15 16	290	975·1	1007·8	..	305·3	309·0	27th	293·1	291·5	15th	299·2	−0·2	*298·4*	141	− 0
943	Masaka	0 21	31 47	?1280	..	..	..	299·1	300·8	sev. dates	289·1	287·4	22nd	294·1	+0·2	*293·4*	37	− 18
944	Nairobi	1 15	36 44	1800	..	..	..	298·0	299·7	19th	284·1	280·8	29th	291·1	−0·1	..	64	− 5
944*a*	Zanzibar	6 10	39 11	21·9	1009·5	1012·0	− 1·1	303·4	305·8	23rd	299·1	295·2	4th	301·3	−0·3	*301·0*	89	+ 28
945	Lamu	2 16	40 54	3·1	..	..	..	304	304·1	1st	298·0	296·9	16th	301·0	+0·5	*300·6*	0	− 3
947	Seychelles, Port Office	4 37	55 27	4·6	1010·0	1010·5	− 0·7	301·0	302·3	29th	298·9	296·7	14th	299·9	0·0	*299·4*	182	− 149
957	Padang	0 56	100 22	6·7	..	1009·5	− 2·0	304·4	306·0	29th	296·3	294·0	14th	300·3	..	299·7	96	− 165
958	Batavia	6 11	106 50	8·0	1008·3	1009·2	− 0·8	302·2	305·5	29th	296·4	295·6	1st	299·3	+0·3	298·8	203	− 118
958*a*	Pontianak	0 1	109 20	2·6	..	1009·5	− 1·0	304·4	305·9	5th	296·2	293·8	29th	300·3	..	299·0	77	+ 56
959	Passeroean	7 38	112 55	5·0	..	1008·3	− 0·7	303·6	305·1	15th	295·4	294·2	27th	299·5	−0·7	298·6	326	− 164
960	Kajoemas	7 56	114 9	1060	..	..	..	295·1	297·0	27th	290·7	290·1	19th	292·9	..	292·3	283	+ 155
962	Ambon	3 42	128 10	4·2	..	1007·8	− 0·7	304·1	305·5	21st	296·9	295·7	28th	300·5	+0·7	299·8	267	− 64
963	Manokwari	0 52	134 20	19·0	..	1007·5	− 1·6	302·7	304·8	2nd	296·6	295·6	4th	299·7	..	299·0	211	..
965	Daru	9 4	143 13	7·6	..	1008·3	− 0·7	303·2	..	..	..	..	..	..	..	..	284	− 2
966	Port Moresby	9 29	147 9	39·0	..	1007·3	− 1·6	304·5	..	..	297·5	..	..	301·0	+0·3	*300·5*	147	− 80
967																		
968	Rendova	8 30	157 12	1·8	1007·2	1007·3	− 0·2	..	..	..	..	..	..	..	..	..	209	− 266
969	Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	1007·6	1007·9	+ 0·1	305·2	307·4	4th, 27th	297·9	294·7	17th	301·6	+0·9	*301·1*	504	+ 90
970	Ocean Island	0 52	169 35	25·6	1003·3	1006·2	− 1·7	305·7	306·8	11th	298·6	296·3	27th	302·2	+1·3	*301·6*	35	− 194
		S.	E.															

FEBRUARY—ZONE 10. Between Latitude 10° S. and 20° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		S.	W.															
1002	Apia, Samoa	13 48	171 46	2	..	1008·6	+ 0·5	302·4	304·4	21st	296·8	295·4	27th	299·6	+0·2	299·1	366	− 56
1003	Alofi, Niue Island	19 2	169 55	36·6	..	..	..	..	304·7	308·6	21st	294·1	291·3	1st	299·4	..	*298·7*	398	+ 140
1007	Makatea	15 47	148 14	47	1005·7	1011·1	..	..	304·5	306·0	..	296·1	294·1	..	300·3	..	*299·8*	265	− 75
1021	Arequipa	16 22	71 33	2451	761·3	..	+ 0·2	291·4	293·2	27th	282·5	280·2	3rd	286·9	−0·8	*286·1*	69	+ 25
1022	Puerto de Arica	18 28	70 20	5	..	..	..	297·0	298·2	2nd, 17th	290·9	290·2	10th, 29th	293·9	+0·7	*295·5*	0	0
1023																		
1024	Sucre, Bolivia	19 30	64 24	2848	728·3	..	..	..	..	296·0	13th	..	278·5	2nd	..	..	*285·8*	135	+ 16
1025	Corumba	19 0	57 39	116	995·8	1009·0	− 0·5	310·1	312·0	23rd	..	..	..	..	..	..	*300·7*	120	+ 38
1026	Cuyaba	15 36	56 6	165	989·7	1008·5	− 0·8	303·1	306·5	8th	297·6	295·3	28th	300·3	−0·3	*299·9*	322	+ 106
1027	Bello Horizonte	19 55	43 55	857	917·0	1012·6	− 0·3	299·4	303·8	2nd	290·5	287·8	29th	294·9	−0·9	*294·4*	469	+ 249
1028	Caetite	14 2	42 36	900	913·7	1013·0	− 1·2	301·7	305·8	1st	291·5	289·3	1st	296·6	+0·9	*296·5*	183	+ 68
1029	Ondina (Bahia)	13 0	38 30	47·0	1005·9	1011·3	− 1·1	303·6	305·0	10th	296·4	294·2	29th	300·0	+0·5	*299·5*	121	+ 13
1030	Aracaju	10 55	37 3	4·0	1011·2	1011·6	− 1·5	303·1	305·1	10th	298·2	297·0	sev.	300·7	+0·5	*300·7*	3	− 49
1035	St. Helena	15 57	W 5 40	632	944·5	1015·2	− 0·3	297·6	301·9	17th	289·1	287·5	7th	293·3	+1·2	*293·1*	70	− 22
1042	Gwelo	19 28	E 29 47	1417	861·6	..	+ 1·4	304·4	308·6	15th	..	..	..	..	..	..	2	− 139
1043	Salisbury, Rhodesia	17 48	31 5	1457	855·9	..	+ 0·3	303·7	307·4	29th	288·2	286·2	3rd	295·9	+2·5	..	46	− 141
1044	Zomba	15 23	35 18	?945	904·8	1008·7	− 0·8	300·1	303·6	8th	290·5	288·0	5, 6, 7	295·3	+0·2	*294·7*	187	− 87
1045	Tananarivo	18 55	47 32	1400	861·8	..	− 0·5	298·8	300·9	20th	288·9	286·5	26th	293·9	−0·1	*292·7*	246	− 47
1046	Sainte-Marie	17 0	49 51	15	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1055	Cocos Keeling Is.	12 5	96 53	4·6	1008·4	1009·0	− 1·8	303·3	305·5	8th, 24th	297·7	294·7	11th	300·5	0·0	*300·1*	326	+ 139
1056																		
1057	Christmas Island	10 25	105 43	5·5	1005·9	1006·5	− 1·2	303·9	306·3	..	297·0	295·8	..	300·4	0·0	*299·9*	398	+ 106
1058																		
1061	Koepang	10 10	123 34	45·1	..	1007·5	− 0·9	302·4	304·7	24th	296·3	294·5	27th	299·3	..	299·0	514	+ 147
1061*a*	Derby	17 18	123 40	16·2	1004·8	1006·7	− 0·8	306·6	311·9	25th	298·7	294·0	16th	302·6	−0·4	..	89	− 65
1062	Hall's Creek	18 13	127 46	374	965·2	1006·0	− 1·3	308·6	313·7	25th	296·2	294·1	14th	302·4	−0·1	..	156	+ 13
1063	Port Darwin	12 28	130 51	29·6	1002·8	1006·1	− 0·3	304·9	307·4	13th	297·5	296·1	8th	301·2	−0·4	*300·1*	340	− 15
1064	Daly Waters	16 16	133 23	211	981·0	1004·3	− 1·1	308·4	311·9	23rd	296·5	291·9	13th	302·4	−0·2	*301·9*	32	− 3
1065	Mein	13 13	142 47	122	991·9	1005·5	− 1·1	305·3	308·6	9th	296·2	294·1	8th	300·8	+0·5	*300·2*	108	− 7
1066	Georgetown, Queensland	18 22	143 32	302	973·1	1006·6	− 1·0	305·2	310·1	24th	294·9	289·5	12th	300·1	−0·6	..	203	..
1067	Samarai	10 37	150 40	15·2	..	1007·7	− 0·1	303·9	..	..	298·2	..	..	301·1	+0·4	*300·7*	291	+ 77
1072	Suva, Fiji	18 8	178 26	16·8	1005·8	1007·8	− 1·1	303·2	305·2	15th	295·8	294·9	8th	299·5	−0·4	*299·0*	448	+ 193
		S. ° ′	E. ° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Estimates not based on at least six equally-spaced observations each day are in *italics*.

Table representing the Meteorology of the Globe between Latitude 20° S. and 30° S.

FEBRUARY—ZONE 11.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1105	Rarotonga (Avarua)	21 12	159 47	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1106																		
1121	Punta Tortuga, Coquimbo	29 56	71 21	27	1011·5	1014·7	+ 0·5	292·7	295·4	14th	283·7	282·5	12th	288·2	0·0	*290·0*	0	0
1122	Iquique	20 12	70 11	9	1012·8	1013·8	+ 0·4	298·8	301·8	15th	289·4	287·8	12th	294·1	+0·2	*294·3*	0	0
1123	Catamarca	28 27	65 47	510	..	1008·0	− 0·4	306·5	312·7	22nd	291·1	286·4	5th	298·8	−0·9	*298·1*	37	− 26
1124	Salta	24 46	65 28	1178	883·6	1008·4	+ 1·1	298·5	302·7	13th	288·6	285·5	28th	293·5	−0·9	*293·4*	215	+ 90
1125	Goya	29 9	59 15	26	..	1010·2	− 0·4	307·2	310·9	21st	291·6	286·5	27th	299·4	+1·3	*299·5*	77	− 23
1126	Asuncion	25 21	57 37	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1126*a*																		
1127	Curityba	25 25	49 17	908	911·5	1013·1	− 0·9	297·8	304·1	24th	287·6	280·6	29th	292·7	−1·5	*291·5*	111	− 30
1128	Rio de Janeiro	22 54	W43 10	61·4	1003·8	1011·0	− 0·8	300·0	306·8	1st	294·9	290·9	28th	297·5	−1·4	297·3	145	+ 30
1139	Windhoek	22 34	E 17 6	1665	..	..	..	300·7	306·6	2nd	291·0	288·7	3rd, 5th	295·9	+0·9	*295·9*	64	− 10
1140																		
1141	Kimberley	28 42	24 47	1202	880·2	..	− 0·9	307·2	309·9	16th	290·3	285·5	14th	298·7	+2·2	298·3	4	− 74
1142	Johannesburg	26 11	28 4	1806	821·8	..	..	299·2	302·2	29th	286·3	283·2	10th	292·7	+1·1	*292·2*	95	− 35
1142*a*	Pretoria	25 45	28 12	1338	868·3	..	..	304·6	308·6	14th	288·1	285·7	22nd	296·3	+1·8	..	63	− 56
1143	Durban	29 52	31 3	15·2	1012·9	1014·7	..	300·7	303·0	4th	293·5	290·8	1st	297·1	−0·3	*296·6*	64	− 55
1144	Lorenzo Marques	25 58	32 36	59·5	..	1013·1	+ 0·3	303·6	310·9	28th	294·1	291·3	3rd	298·9	0·0	298·4	43	− 82
1147	Mauritius	20 6	57 33	55·2	1002·9	1009·3	− 1·7	302·3	303·7	13th	295·3	292·0	8th	298·8	−0·2	298·6	106	− 107
1159	Onslow	21 43	114 57	4·3	1003·7	1004·1	− 2·5	309·6	317·7	6th	296·2	291·2	1st	302·9	+0·1	..	87	+ 62
1160	Peak Hill	25 38	118 47	588	941·0	1003·8	− 2·7	311·6	315·2	6th	297·3	290·9	1st	304·4	+1·5	..	15	− 16
1161	Nullagine	21 53	120 5	386	962·6	1004·1	− 2·3	312·5	318·0	5th	297·7	293·6	28th	305·1	+1·0	..	56	+ 1
1162	Laverton	28 40	122 23	466	957·4	1008·0	− 2·9	310·5	315·8	16th	293·3	289·7	1, 23, 26	301·9	+1·8	..	19	− 10
1163	Alice Springs	23 38	133 37	587	942·5	1005·7	− 1·3	309·1	312·4	22nd	295·0	288·6	11th, 12th	302·0	+1·3	*302·2*	22	− 22
1164	William Creek	28 55	136 21	76·2	1000·0	1008·5	− 2·1	310·0	316·3	8th	294·2	288·6	10th	302·1	+1·0	*301·9*	1	− 10
1164*a*	Boulia	22 55	139 38	146	989·7	1005·8	− 0·5	309·6	314·2	22nd	295·7	291·4	11th	302·7	−0·4	..	28	− 24
1165	Thargomindah	27 58	143 43	123	992·3	1005·9	..	310·5	315·2	19th	296·2	292·4	27th, 28th	303·4	..	..	0	..
1166	Mitchell	26 32	147 52	336	..	..	..	309·3	314·7	3rd	293·2	288·1	17th	301·3	+2·8	..	64	− 22
1167	Rockhampton	23 24	150 30	11·3	1006·1	1007·4	− 2·7	307·0	313·6	10th	296·6	293·9	16th	302·1	+2·4	*291·4*	19	− 177
1168	Brisbane	27 28	153 2	11·6	1008·5	1009·8	− 2·4	303·4	309·0	2nd	293·7	290·1	16th	298·6	+0·9	*298·0*	387	+ 222
1169	Quitchambo	21 52	166 3	38	1003·2	1007·6	..	303·1	305·7	21st, 26th	292·4	288·6	17th	297·7	..	..	171	− 99
1170	Norfolk Island	29 5	167 53	15·2	1009·7	1011·2	− 1·3	298·6	301·3	13th	294·4	292·4	16th	296·5	+1·0	*296·1*	80	− 56
		S.	E.															

Between Latitude 30° S. and 40° S.

FEBRUARY—ZONE 12.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		S.	W.															
1221	Juan Fernandez	33 37	78 50	10	..	..	..	293·4	296·5	14th	288·4	286·7	15th	290·9	−1·5	*290·7*	35	+ 5
1221*a*	Punta Tumbes	36 37	73 6	91	1003·5	1014·5	− 0·6	290·5	294·5	18th	283·8	282·0	2nd, 3rd	287·1	−1·1	*286·6*	0	− 9
1222	Punta Angeles, Valparaiso	33 1	71 38	41	1010·0	1014·8	+ 0·2	293·9	299·5	23rd	285·1	283·6	4th	289·5	−2·1	*288·8*	0	0
1222*a*	Santiago	33 27	70 42	520	953·4	1012·7	+ 0·1	301·8	305·3	24th	283·8	280·9	7th	292·8	0·0	*291·9*	0	− 2
1223	Cordoba	31 25	64 12	423	963·2	1011·5	+ 1·0	303·0	309·5	..	287·8	282·0	..	295·4	−0·7	294·7	132	+ 22
1224	Bahia Blanca	38 45	62 15	25	..	1012·6	+ 1·6	302·5	308·5	7th	289·8	281·0	3rd	296·1	+0·8	295·9	49	− 7
1225	Buenos Ayres	34 46	58 22	25	..	1013·1	+ 0·3	301·5	305·8	14th	290·1	280·0	3rd	295·8	−0·1	295·8	29	− 33
1226	Montevideo (Prado)	34 53	56 12	24·9	1011·7	1013·4	+ 0·2	..	..	..	305·6	..	..	283·5	..	..	19	− 53
1226*a*	Rio Grande	32 2	W52 9	2	1012·1	1012·4	+ 1·1	298·3	301·9	2nd	292·7	288·4	27th	295·5	−1·3	*295·6*	84	− 2
1239	Cape Town	33 56	E 18 29	11·3	..	1013·7	− 0·1	300·2	308·1	20th	288·9	285·5	15th	294·6	+0·5	*293·1*	10	− 5
1240	Danger Point	34 37	19 18	19·5	..	..	..	295·6	302·4	21st	289·0	284·1	9th	292·3	..	..	12	..
1241	Heidelberg	34 5	20 58	30·5	..	..	..	302·9	318·0	21st	287·9	281·9	10th	295·4	..	..	11	− 30
1242	East London	33 2	27 53	9·8	1011·6	1012·7	− 1·3	297·7	301·3	5th	290·9	287·4	2nd	294·3	+0·1	..	15	− 66
1259																		
1260	Perth (Observatory)	31 57	115 50	60·0	1004·8	1011·8	− 1·2	301·5	312·2	25th	290·1	286·3	27th	295·8	−0·6	..	48	+ 36
1261	Katanning	33 42	117 35	310	977·3	1012·6	− 1·5	301·5	311·2	10th	286·1	281·9	9th	293·8	−0·4	..	21	+ 6
1262	Coolgardie	30 57	121 10	423	963·7	1010·6	− 1·8	306·7	314·7	14th	289·9	285·4	19th	298·3	+0·9	..	2	− 17
1263	Eucla	31 45	128 58	4·6	1011·3	1011·8	− 2·4	299·3	315·5	17th	290·8	283·3	28th	295·0	+0·3	..	5	− 11
1264	Streaky Bay	32 48	134 13	13·1	1012·2	1013·6	− 0·7	304·1	314·2	15th	288·8	283·2	20th	296·4	+0·9	..	0	− 12
1265	Adelaide	34 56	138 35	42·7	1007·8	1012·8	− 1·5	303·2	314·6	17th	289·7	285·1	7th	296·5	+0·1	*295·9*	7	− 10
1266	Melbourne	37 49	144 58	35·1	1008·6	1012·6	− 1·9	297·9	311·4	18th	287·9	284·6	9th	292·9	+0·2	291·9	51	+ 7
1267	Bourke	30 13	145 58	110	997·3	1009·8	− 1·6	311·0	318·0	19th	293·8	289·7	8th	302·4	+1·1	..	8	− 35
1268	Sydney	33 52	151 12	44·5	1005·8	1011·0	− 3·0	299·2	305·6	1st	291·6	288·2	15th, 16th	295·4	+0·6	..	68	− 48
	Lord Howe Island	31 32	159 4	4·6	1010·6	1011·1	..	299·0	301·3	3rd, 8th	293·4	287·6	17th	296·2	..	..	143	+ 16
1271	Auckland	36 50	174 50	38·1	..	1013·5	..	297·3	299·7	11th	290·1	286·3	13th	293·7	+1·2	..	13	− 62
1272	Napier	39 32	176 53	21·3	..	..	..	301·6	306·9	3rd	289·3	283·0	29th	295·4	+3·7	..	11	− 69
		S.	E.															

Between Latitude 40° S. and 50° S.

FEBRUARY—ZONE 13.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		S.	W.															
1301	Chatham Island	43 52	170 42	104	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1321	Isla Huafo	43 34	74 45	140	1000·7	1017·6	+ 1·0	288·3	295·0	25th	284·0	280·8	21st	286·1	+0·4	*285·9*	37	− 23
1322	Punta Galera	40 1	73 44	40	1011·9	1010·7	+ 0·5	288·6	293·0	18th, 25th	282·3	280·4	19th	285·5	−1·0	*285·5*	22	− 54
1323	Sarmiento	45 30	69 0	274	..	1010·6	..	300·2	306·1	8th	284·2	277·8	2nd	292·2	+2·0	292·2	6	..
1324	Punta Madryn	42 49	W64 58	14	..	1011·6	..	300·6	309·2	15th	286·4	280·1	5th	293·5	−0·3	292·2	5	− 6
1365	Launceston	41 27	E147 10	10·1	1011·6	1012·8	− 1·3	298·1	302·2	18th	286·3	282·4	27th	292·2	+0·9	..	49	+ 21
1366	Hobart	42 53	147 20	53·9	1007·0	1013·4	+ 0·1	293·6	306·9	15th	285·4	281·4	19th	289·5	−0·4	*288·2*	52	+ 15
1370	Invercargill	46 25	168 21	5·5	..	..	..	292·8	300·2	2nd	283·1	276·3	28th	287·9	+1·2	..	119	+ 46
1371	Dunedin	45 52	170 31	91·4	..	1010·9	− 1·6	293·6	301·9	2nd	284·0	277·4	27th	288·8	+2·1	..	55	− 16
1371*a*	Christchurch	43 32	172 38	7·6	..	1010·9	− 3·4	295·2	304·6	20th	286·3	281·4	13th	290·7	+1·7	..	91	+ 44
1372	Wellington	41 16	174 46	2·4	..	1014·0	− 0·6	295·6	298·9	25th	289·2	281·0	29th	292·4	+2·5	..	47	− 35
		S. ° ′	E. ° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Estimates not based on at least six equally-spaced observations each day are in *italics*.

FEBRUARY—ZONE 14. Table representing the Meteorology of the Globe between Latitude 50° S. and 60° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
		S.	W.															
1421	Islota de los Evangelistas	52 24	75 6	55	1000·0	1006·7	+ 4·7	283·9	286·5	18th	280·9	277·9	19th	282·4	+0·4	*282·3*	188	— 65
1422	Puerto de Punta Arenas	53 10	70 54	4	1004·3	1004·8	+ 5·6	289·3	295·5	8th	280·1	276·0	12th	284·7	+0·8	*284·6*	29	— 17
1423	Punta Dungeness	52 24	68 26	5	1003·1	1003·7	+ 3·6	289·2	294·0	11th	280·6	277·8	1st	284·9	+0·8	*285·5*	2	— 2
1424	Santa Cruz	52 22	68 21	12	..	1007·2	+ 1·6	295·8	306·7	17th	282·9	277·0	23rd	289·3	+1·2	288·6	5	..
1424*a*	Año Nuevo	54 39	64 9	50	995·8	1001·9	..	284·3	286·8	11th	279·2	276·4	22nd	281·8	..	281·3	57	— 39
1425	Stanley, Falkland Is.	51 41	57 51	4	..	..	..	..	..	..	..	..	..	..	..	..	24	..
1426	Cape Pembroke	51 41	57 42	21	..	1005·5	+ 4·9	286·2	291·9	16th	278·9	275·8	23rd, 29th	282·5	+0·5	282·8	..	..
1429	S. Georgia (Cumberland Bay)	54 14 S.	36 33 W.	4	997·5	998·0	+ 1·7	281·9	290·9	20th	274·9	271·3	26th	278·4	−0·9	*277·8*	113	— 5

FEBRUARY—ZONE 15. Between Latitude 60° S. and 70° S.

1527	South Orkneys.	60 44 S.	44 39 W.	6·1	..	994·2	+ 3·5	..	279·7	..	..	265·5	..	..	−0·5	273·0	23	— 20
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Estimates not based on at least six equally-spaced observations each day are in *italics*.

DAILY OBSERVATIONS OF WIND WITHIN THE TROPICS.—FEBRUARY 1916.

Date.	St. Helena. 1035. Direction.	St. Helena. 1035. *Mean Velocity for the Day.	Fanning Island. 805. Direction and Force.	Sierra Leone. 834. Direction and Force.	Entebbe. 844. Direction and Force.	Malden Island. 905. Direction and Force.	Tulagi. 969. Direction and Force.	Ocean Island. 970. Direction and Force.	Suva, Fiji. 1072. Direction and Force.
	9h.	m/s	9h. 21h.	9h. 17h.	7h. 21h.	9h.	9h.	9h. 21h.	9h.
1	SSE	—	SE 5 SE 4	E 1 SW 1	W 3 W 3	E 2	NW 2	NNE 3 NE 1	N 2
2	SSE	—	SE 5 SE 4	SE 1 SE 1	N 2 SW 3	ESE 2	NW 4	E 2 NE 3	NE 3
3	SSE	4·2	SE 4 SE 4	E 8 Calm 0	SW 2 W 3	ESE 2	Calm 0	NNE 4 E 2	N 1
4	S	2·6	SE 4 SE 4	E 8 Calm 0	SW 3 N 2	SE 2	Calm 0	E 4 E 2	NW 1
5	SE	3·3	SE 4 E 5	E 8 Calm 0	W 6 N 4	E 2	Calm 0	NE 4 NNE 4	Calm 0
6	SE	4·2	E 6 E 5	E 2 Calm 0	W 3 N 4	ESE 2	Calm 0	E 2 E 2	Calm 2
7	SE	4·2	SE 4 SE 4	E 1 Calm 0	Calm 0 N 3	ENE 2	NW 2	E 2 NE 1	W 1
8	SSE	3·5	SE 5 SE 4	SE 1 W 1	W 3 W 3	ENE 2	E 4	NNE 3 NNE 3	W 0
9	Calm	—	SE 5 SE 5	Calm 0 SW 1	SW 3 N 3	ESE 2	Calm 0	E 3 NE 1	Calm 4
10	Calm	—	E 6 E 5	Calm 0 W 2	Calm 0 N 3	E 3	NW 2	E 3 E 1	S 4
11	SE	—	E 4 E 4	Calm 0 SW 1	Calm 0 N 3	ENE 2	Calm 0	NE 3 N 2	W 1
12	SE	—	SE 4 SE 5	Calm 0 W 6	SW 3 SW 2	E 2	Calm 0	NE 3 NE 2	NW 0
13	SE	—	SE 5 SE 4	Calm 0 SW 1	N 2 N 2	E 2	SE 2	NNE 4 NE 2	Calm 0
14	SE	—	SE 4 SE 4	E 4 Calm 0	Calm 0 N 2	ESE 2	Calm 0	E 3 NE 2	Calm 2
15	SE	—	SE 5 SE 6	E 2 Calm 0	N 4 SW 4	E 2	SE 2	NE 4 NE 2	SE 1
16	SE	—	SE 5 SE 4	E 1 Calm 0	N 2 W 5	ENE 2	NW 2	NE 4 NE 4	NW 1
17	S	3·8	SE 5 SE 5	E 1 W 2	S 2 N 2	ESE 2	NW 2	E 5 E 3	SE 1
18	SE	5·3	SE 5 SE 5	E 2 Calm 0	N 2 W 3	E 2	Calm 0	ENE 3 E 2	SE 3
19	SE	—	SE 6 SE 5	Calm 0 SW 1	W 3 SW 3	ENE 3	SE 2	E 3 E 3	SE 4
20	SE	—	SE 5 SE 6	Calm 0 W 2	N 2 W 2	SE 3	Calm 0	E 5 E 3	SE 3
21	SE	—	SE 5 SE 4	Calm 0 W 4	Calm 0 W 3	E 3	Calm 0	E 4 E 2	SE 3
22	SE	—	SE 5 SE 5	Calm 0 W 1	S 2 W 3	NE 4	Calm 0	E 4 E 3	SSE 2
23	SE	—	E 5 SE 4	W 1 W 4	W 2 W 3	ESE 2	SE 4	ENE 4 E 4	SE 2
24	SE	—	SE 5 SE 4	E 1 W 1	W 3 N 2	E 2	NE 6	E 5 E 3	SE 0
25	SE	—	SE 4 E 4	W 1 SE 4	Calm 0 SW 3	E 2	Calm 0	E 3 E 2	Calm 2
26	SE	—	SE 4 E 4	Calm 0 Calm 0	SW 2 W 2	ENE 2	NW 2	SSE 2 Calm 0	E 0
27	SE	—	SE 4 SE 4	Calm 0 NW 4	W 3 N 2	ESE 2	SE 2	NE 3 NE 1	Calm 0
28	SE	—	SE 4 SE 4	W 2 W 2	Calm 0 Calm 0	ESE 2	Calm 0	SE 1 Calm 0	Calm 0
29	SE	—	E 5 E 4	SE 4 Calm 0	W 3 SW 2	ESE 2	Calm 0	NW 3 W 1	Calm 0
Mean	..	—	4·7 4·5	1·7 1·3	2·1 2·8	2·2	1·3	3·3 2·1	1·5
†Resultant	140° (89)	..	125° (94)	195° (11)	280° (54)	95° (89)	10° (7)	65° (76)	145° (9)
†Normal	141° (90)	6·5	93° (77)	288° (21)	265° (30)	73° (82)	235° (19)	85° (35)	81° (51)

* Velocity of the South-East Trade Wind at 632 metres.
† Direction and "constancy." For explanation see Introduction.

STATE OF ICE IN THE ARCTIC SEAS AND IN THE NORTH ATLANTIC.—FEBRUARY 1916.

**Spitsbergen.*—The ice on Green Harbour was about 22 inches in thickness.

**Greenland Sea, Iceland and Denmark Strait.*—The coasts of Iceland and Grimsey were free of ice, the normal duration being 5 days. Ice off Angmagsalik was closely packed except for a few days in the middle of the month, when a little scattering was observed.

North Atlantic and Labrador.—Floes and icebergs were comparatively scarce on the Newfoundland Banks.

**Davis Strait.*—The Vajgat, N. of Disko I., did not freeze until the middle of the month; shortly after the ice here and on Disko Bay was broken up by SE. winds. On the 21st "Storis" passed C. Farewell and spread very slowly northward.

**Isforholdene i de arktiske Have*, 1916, published by the Danish Meteorological Institute.

RÉSEAU MONDIAL, MARCH 1916

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF MARCH 1916 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE.

Between Latitude 80° N. and 70° N. MARCH—ZONE 1.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
		N.	W.															
123	Inglefield Bay	77 20	67 30	?	1016·7	..	+ 8·0	..	..	..	..	..	..	..	..	*256·7*	17	..
124	Upernivik	72 47	W56 7	18·9	1014·3	1016·7	+ 3·9	271·1	278·8	20th	260·5	250·8	9th	265·8	+13·5	*265·1*	46	+ 27
125																		
126																		
139	Spitsbergen (Green Harbour)	78 2	E 14 14	11·4	1015·2	1016·8	+ 6·1	..	273·4	8th	246·4	229·5	26th	..	−1·0	252·2	15	— 9
140																		
141	Gjesvaer	71 6	25 22	6·5	1012·6	1013·4	+ 8·6	..	275·3	16th	267·2	262·4	25th	..	−0·3	*269·3*	53	+ 6
142	Mehavn	71 1	27 47	6·4	1012·8	1013·6	+ 6·6	..	275·5	30th	265·5	258·3	25th	..	−0·2	*268·5*	23	— 31
143	Vardö	70 22	31 8	10·0	1013·8	1015·1	+ 9·3	..	275·0	30th	264·8	260·3	25th	..	−0·6	*267·6*	20	— 29
147	Malye Karmakouly	72 23	52 43	14·8	1017·0	1018·9	+ 8·3	..	271·7	10th	..	..	..	..	+1·2	*259·2*	..	..
148	Waigatz	70 24	58 47	11·2	1019·8	1021·3	+13·1	..	273·3	31st	250·2	233·9	20th	..	..	*254·8*	2	..
		N.	E.															

Between Latitude 70° N. and 60° N. MARCH—ZONE 2.

203	Nome	64 31	165 24	4·6	1018·3	1018·9	+ 6·9	260·7	269·7	..	250·2	240·8	..	255·4	−4·2	..	12	— 11
204	Candle	65 55	161 57	2·4	..	..	..	258·6	269·7	14th, 21st	243·9	237·4	7th	251·2	..	..	..	..
205	Tanana	65 8	152 0	73·8	1008·1	1018·2	+ 2·9	259·2	276·9	..	246·0	231·9	..	252·6	−3·7	..	1	— 12
206	Rampart	65 30	150 15	122	..	..	..	263·2	284·1	31st	243·8	231·3	11th	253·5	..	..	0	— 11
207	Valdéz	61 7	146 16	8·2	1005·4	1006·5	− 2·8	270·5	283·0	..	262·3	254·7	..	266·4	−2·9	..	23	— 57
208	Eagle	64 46	141 12	248	983·7	1017·1	+ 2·9	260·7	280·8	..	241·7	228·6	..	251·2	−6·5	..	2	— 8
209																		
210	Dawson	64 4	139 20	328	973·7	1017·2	− 0·4	260·2	280·8	31st	246·9	232·4	7th	253·6	−3·4	..	7	— 7
211	Carcross	60 11	134 34	662	..	..	..	264·9	277·4	27th, 29th	251·6	236·9	7th	258·2	−5·6	..	10	— 5
212	Fort Good Hope	66 15	128 53	65·2	1016·2	1025·7	..	252·6	269·7	29th	237·7	226·3	10th	245·1	..	..	3	..
213	Fort Simpson	61 52	121 35	129	1003·4	1021·0	..	258·6	274·7	30th	245·8	230·8	15th	252·2	−1·2	*253·0*	25	+ 11
214	Hay River	60 51	115 20	161	997·9	1020·0	..	258·0	276·3	27th	247·4	230·2	15th	252·7	−3·4	..	11	..
225																		
226	Jacobshavn	69 13	51 2	12·6	1013·2	1014·8	+ 3·0	274·4	279·0	8, 18, 20	266·3	254·7	31st	270·3	+13·3	*270·1*	40	+ 28
227	Godthaab	64 11	51 44	9·0	1008·6	1009·7	+ 3·9	277·2	282·2	15th	270·3	262·8	31st	273·7	+8·2	*273·3*	19	— 24
228	Ivigtut	61 12	48 10	5·0	1011·0	1011·6	+ 6·8	278·6	284·2	8th	272·2	265·4	30th	275·4	+7·5	*275·9*	238	+151
229	Angmagsalik	65 37	37 34	31·7	1018·3	1022·4	+14·8	273·1	284·1	23rd	261·3	254·4	3rd	267·2	+2·0	*266·5*	38	— 14
231																		
232	Stykkisholm	65 5	22 46	11·3	1020·4	1021·8	+14·7	274·5	280·5	6th, 7th	268·5	260·1	25th	271·5	+0·6	*271·3*	6	— 41
233	Vestmanno	63 26	20 15	7·7	1017·2	1018·2	+12·6	277·5	282·7	4th	270·3	263·1	28th	273·9	+0·4	*274·9*	17	— 92
233*a*	Grimsey	66 33	17 58	22·0	..	..	..	272·8	277·4	7th	268·4	256·7	24th	270·6	+1·1	*270·8*	1	— 17
234	Akureyri	65 40	18 4	6·8	1019·6	1020·5	+11·5	..	..	..	..	..	..	..	..	..	24	..
	Berufjord	64 40	14 19	18·0	1015·4	1017·6	+10·4	275·1	280·9	20th	267·7	259·9	25th	271·4	0·0	*271·7*	24	— 54
235																		
236	Thorshavn	62 3	6 45	25·7	1009·8	1013·0	+ 6·7	276·4	280·0	31st	271·1	266·4	28th	273·7	−2·2	*274·0*	81	— 47
	Lerwick	60 9	W 1 8	18·0	1007·3	1009·4	+ 2·4	277·4	280·8	30th, 31st	273·1	269·7	2nd, 29th	275·3	−1·4	*275·0*	115	+ 35
237																		
238	Bergen (Met. Obs.)	60 24	E 5 19	44·4	1002·8	1008·4	− 2·3	..	280·6	17th	270·1	266·2	14th	..	−1·9	*273·2*	65	— 56
239	Christiansund	63 7	7 45	17·8	1007·0	1009·2	+ 0·6	..	279·8	27th	271·1	267·3	5th	..	−1·3	*273·6*	79	— 1
240	Trondhjem	63 26	10 25	39·5	1005·9	1010·9	+ 1·7	..	279·2	31st	267·3	261·6	8th	..	−1·0	*271·1*	15	— 61
241	Bodö	67 17	14 24	22·4	1009·5	1012·3	+ 5·3	..	277·0	18th	266·2	260·0	23rd	..	−2·0	*269·4*	42	— 18
242	Haparanda	65 50	24 9	9·2	1015·9	1017·1	+ 7·7	267·8	275·5	29th, 30th	258·3	243·0	22nd	263·1	−1·4	*263·1*	41	+ 15
242*a*	Helsingfors	60 10	24 57	12·0	1014·4	1015·9	+ 3·3	270·6	278·2	29th	266·1	252·4	24th	268·3	−0·6	268·5	48	+ 13
	Kuopio	62 54	27 40	90·3	1006·3	1018·0	+ 6·0	269·6	278·1	29th	261·2	245·0	22nd	265·4	−1·2	*266·1*	33	— 1
243																		
244	Kola	68 53	33 1	6·7	1017·0	1017·9	+ 8·4	268·5	277·1	30th	258·3	245·9	25th	263·4	−1·4	*263·7*	17	+ 6
245	Petrozavodsk	61 47	34 23	38·9	1017·2	1022·2	+ 7·4	..	280·0	30th	..	..	..	..	−2·3	*265·1*	..	..
246	Arkhangelsk	64 35	40 36	5·8	1022·6	1023·4	+11·1	268·9	279·6	29th	259·6	241·0	21st	264·2	−0·9	*264·3*	23	+ 3
247	Mezen	65 50	44 16	12·6	1021·2	1022·8	+12·1	267·3	276·8	31st	258·4	239·2	21st	262·8	−0·7	*263·1*	7	+ 1
248	Oust-Tsylma	65 25	52 14	? 70	1017·1	1026·4	+11·2	267·0	278·9	30th	256·8	233·0	22nd	261·9	−0·3	*261·9*	14	..
	Tcherdyn	60 24	56 31	?177	1007·8	1031·0	+14·2	..	281·8	31st	259·2	242·2	22nd	..	−0·2	*264·8*	16	— 5
249																		
250	Berezov	63 56	65 4	39·9	1025·0	1030·4	+15·0	264·1	282·5	30th	252·2	235·2	22nd	258·2	−2·4	*258·2*	9	— 5
251	Obdorsk	66 31	66 35	23·7	1024·8	1028·0	+14·5	258·1	276·6	29th	248·9	235·8	21st	253·5	−1·8	*253·5*	3	— 3
252	Sourgout	61 15	73 24	? 40	1026·8	1032·3	+13·3	..	277·4	31st	248·4	232·2	1st	..	−3·1	*257·0*	12	0
253																		
254	Doudinka	69 23	86 4	20	1023·2	1025·9	+12·6	..	268·7	30th	242·5	228·9	1st	..	..	*247·6*	4	..
	Touroukhansk	65 47	87 57	45	1025·1	1031·4	+15·1	..	272·8	30th	244·4	224·4	2nd	..	−5·5	*251·5*	21	+ 10
261	Olekminsk	60 22	120 26	155	..	..	..	..	..	..	..	..	..	..	..	..	7	+ 2
262	Iakoutsk	62 1	129 43	108	1011·8	1026·7	+ 5·4	..	264·3	4th	244·7	235·5	31st	..	+2·2	*252·0*	2	— 3
263	Verkhoïansk	67 33	133 23	100	1011·6	1025·9	+ 8·7	..	257·7	28th	233·0	223·6	1st	..	+2·1	*243·6*	1	— 1
264	Oust-Maïskoe	60 25	134 29	?100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
271																		
272	Markovo-sur-Anadyr	64 45	170 50	25·0	1027·2	1030·7	+12·6	252·5	261·3	16th	241·2	231·0	28th	246·8	−2·2	..	0	— 7
	Novo-Mariinskii Post	64 45	177 33	5·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N.	E.															
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Estimates not based on at least six equally-spaced observations each day are in *italics*.

MARCH—ZONE 3.

Table representing the Meteorology of the Globe between Latitude 60° N. and 50° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
303	Dutch Harbor	53 54	166 32	4·0	..	..	..	273·3	278·0	..	267·7	262·4	..	270·5	−2·8	..	44	− 85
304																		
305	Kodiak	57 47	152 22	1·8	1004·8	1005·0	− 0·5	275·2	284·1	..	268·1	258·0	..	271·7	..	..	86	− 1
306																		
309	Sitka	57 4	135 20	27·4	1001·0	1004·4	− 5·3	277·2	284·7	..	270·8	262·4	..	274·0	−1·9	..	93	− 39
310	Prince Rupert	54 18	130 18	51·8	999·0	1005·4	− 7·0	279·1	284·1	19th	273·6	266·3	2nd	276·3	0·0	..	275	+ 19
311	Barkerville	53 2	121 35	1274	862·8	..	..	274·7	285·2	8th	265·8	255·2	1, 2, 4	270·2	+0·6	*270·3*	92	+ 42
312	Kamloops	50 42	120 29	385	969·7	1016·4	− 2·3	282·4	290·8	10th	272·4	263·6	5th	277·4	+1·3	*277·3*	12	+ 4
313	Calgary	51 2	114 2	1045	889·9	..	..	279·1	290·8	11th	264·7	247·4	1st	271·9	+2·7	*272·0*	19	+ 0
314	Fort Chipewyan	58 42	111 10	218	990·2	1019·6	..	261·9	281·3	28th	250·8	236·9	4th	256·3	−1·8	*257·1*	15	
315	Prince Albert	53 10	106 0	442	962·3	1018·5	+ 1·7	270·2	283·0	31st	256·9	237·4	1st	263·6	+1·7	*264·2*	25	+ 3
316	Qu'Appelle	50 30	103 47	645	937·0	1017·6	+ 0·7	269·1	280·2	11th	258·0	238·6	1st	263·6	−0·5	*263·6*	57	+ 32
317	Minnedosa	50 15	99 50	515	953·9	1019·2	+ 0·5	268·0	279·1	30th	256·3	235·8	1st	262·2	−1·4	*262·2*	54	+ 37
318	Berens River	52 18	97 23	216	..	..	..	264·4	280·2	31st	251·8	238·6	1st, 2nd	258·1	−4·1	*258·1*	23	+ 1
318*a*	Fort Nelson	57 4	92 36	14·9	1015·2	1017·2	..	258·0	271·3	27th	246·3	234·7	16th	252·2	..	..	11	..
319	Fort Hope	51 33	87 49	335	..	..	..	..	..	..	..	..	..	..	..	..	..	− 35
320	Moose Factory	51 14	80 30	9·1	1017·3	1018·5	+ 0·2	264·7	280·2	29th, 30th	249·1	237·4	15, 20, 21	256·9	−4·4	..	1	
321	Fort George	53 50	79 5	?	..	..	..	259·4	274·7	26th	247·9	235·8	19th	253·6	..	..	5	..
322	Mistassini Post	50 15	73 55	383	..	..	..	265·6	283·0	29th	247·9	233·0	2nd	256·7	..	..	4	..
323	Hebron	58 12	62 21	15·0	1005·6	1007·5	− 3·6	..	..	..	256·2	242·9	..	..	..	*260·1*	..	..
324	Natashquan	50 8	61 48	?	..	..	..	268·8	284·1	27th	257·2	246·3	19th	263·0	..	..	62	
325																		..
326	Belle Isle	51 23	55 23	133	..	..	..	..	..	..	..	..	..	..	..	..	..	− 64
334	Cahirciveen (Valencia Obs.)	51 56	10 15	13·7	1005·1	1006·8	− 6·0	280·5	284·7	31st	275·6	270·8	5th	278·1	−2·1	278·1	51	− 4
335	Aberdeen	57 10	2 6	26·8	1005·3	1008·7	− 0·8	277·3	284·7	31st	274·0	270·8	25th	275·7	−1·8	275·6	57	+ 60
336	Greenwich	51 28	W 0 0	48·5	998·5	1004·6	− 9·4	280·3	286·9	19th	274·2	268·6	9th	277·3	−1·5	276·9	104	
337	Uccle	50 48	E 4 22	100	991·5	1003·8	−10·8	281·9	292·6	19th	274·4	269·8	9th	278·1	−0·2	278·1	83	+ 25
338	De Bilt	52 6	5 11	3·0	1004·4	1004·8	− 8·7	281·2	292·9	21st	274·0	268·8	6th	277·6	+0·4	277·4	85	+ 28
338*a*	Hamburg	53 33	9 58	40	1001·8	1006·8	− 5·7	278·5	285·0	31st	274·1	271·0	23, 24, 25	276·3	−0·2	*276·0*	43	− 13
339	Copenhagen	55 41	12 36	5·0	1008·3	1008·9	− 3·4	275·4	284·0	31st	272·2	266·3	23rd	273·8	−0·6	*274·1*	24	+ 23
340	Potsdam	52 23	13 4	84·9	996·5	1007·1	− 6·2	280·3	288·7	28th	274·0	271·6	sev. dates	277·1	0·0	276·7	19	− 1
340*a*	Upsala	59 51	17 38	24·0	1010·2	1013·2	+ 1·7	272·2	279·4	29th	266·7	251·0	23rd	269·4	−1·1	269·5	23	
341	Warsaw	52 13	21 1	133	994·6	1011·0	− 3·1	280·0	290·4	29th	273·4	267·5	1st	276·7	+2·4	276·5	26	+ 1
342	Jurjev	58 23	26 43	74·5	1006·4	1016·0	+ 2·9	272·3	280·5	28th	266·9	255·4	24th	269·6	−0·5	269·3	23	
343	Petrograd	59 56	30 16	4·8	1018·0	1018·6	+ 5·8	271·5	278·6	31st	265·5	252·7	22nd	268·5	+0·2	*268·5*	28	+ 5
344	Kiev	50 27	30 30	183	993·8	1016·8	+ 0·8	276·7	291·4	27th	271·6	261·9	1st	274·2	+1·9	*273·9*	28	+ 12
344*a*	Moscow	55 50	37 33	167	1002·7	1024·3	+ 7·2	271·7	279·3	31st	263·5	252·1	1st	267·6	−0·6	*267·5*	19	+ 1
345	Saratov	51 32	46 3	59·9	1020·0	1027·9	+ 8·4	..	..	27th	262·5	250·9	16th	..	−2·3	*266·0*	21	+ 14
346	Kazan	55 47	49 8	79·9	1020·6	1031·1	+12·7	271·1	280·0	29th	261·1	250·6	2nd	266·1	−0·1	*266·0*	4	− 21
347	Orenburg	51 45	55 6	109	1016·3	1030·8	+ 9·3	267·6	277·0	31st	258·9	248·9	8th, 15th	263·2	−1·3	*263·3*	5	
348	Perm	58 1	56 16	163	1010·2	1031·5	+13·1	270·5	280·0	30th	260·5	248·4	23rd	265·5	−0·4	*265·5*	8	
349	Ekaterinburg	56 49	60 38	281	995·8	1032·3	+11·3	270·3	283·1	31st	259·3	248·4	13th	264·8	−0·9	*264·5*	9	
350	Tobolsk	58 12	68 14	108	1019·9	1034·3	+13·5	269·2	282·0	30th	257·6	247·5	23rd	263·4	−1·0	*262·9*	7	+ 3
351	Akmolinsk	51 12	71 23	?347	985·9	1031·5	+ 5·7	..	..	..	254·4	246·2	9th	..	−2·5	*259·9*	15	+ 32
352	Omsk	54 58	73 23	87·9	1022·2	1034·2	+ 9·6	265·8	275·0	31st	..	..	..	..	−2·6	*259·1*	1	+ 17
353	Barnaoul	53 20	83 48	162	1012·3	1034·0	+ 5·8	266·8	280·8	23rd	253·7	238·8	2nd	260·2	−2·3	*260·3*	3	+ 12
354	Tomsk	56 30	84 58	122	1017·5	1033·9	+ 9·2	..	277·2	23rd	252·9	242·9	9th	..	−2·5	*260·2*	11	+ 2
355	Minousinsk	53 43	91 41	249	1002·2	1035·8	+ 7·8	..	274·5	30th	..	..	..	..	..	*256·0*	1	− 2
356	Eniseisk	58 27	92 10	77·6	1022·3	1032·8	+ 9·1	..	279·0	23rd	249·7	234·7	4th	..	−4·9	*258·1*	4	− 1
357	Irkutsk	52 16	104 19	467	972·0	1032·7	+ 5·6	..	280·0	24th	252·8	240·0	9th	..	−3·5	*260·3*	0	− 1
358	Kirensk	57 47	108 7	263	996·2	1031·4	+ 6·8	..	281·4	24th	247·7	237·2	9th	..	−3·3	*259·9*	2	− 1
359	Tchita	52 2	113 30	687	938·8	1026·4	+ 2·4	..	274·8	24th	251·0	242·1	8th	..	−1·8	*259·0*	10	− 3
360	Blagoveshchensk Priisk	58 10	114 19	490	966·0	1031·0	+ 6·7	..	270·0	24th	246·6	238·2	9th	..	..	*253·9*	2	− 1
360*a*	Nertchinskii Zavod	51 19	119 37	626	943·9	1024·4	+ 1·3	..	267·8	22nd	251·3	234·9	15th	..	−2·8	*257·2*		
361	Tygan Ourkan	54 5	124 46	379	971·6	1020·6	..	266·9	270·1	29th	253·2	237·9	1st	260·0	..	*260·4*	0	− 3
362	Blagoveshchensk (Bureau Météor.)	50 16	127 30	142	998·3	1016·9	− 1·0	267·0	271·3	18th	257·6	243·0	1st	262·3	−1·3	*262·2*	7	− 1
363	Paikanskii Sklad	50 11	130 7	145	995·5	1014·8	..	267·4	272·0	7th	247·6	235·2	1st	257·5	..	*257·8*	0	− 8
364																		
365	Nikolaevsk-sur-Amour	53 8	140 45	21·2	1008·0	1010·8	− 3·1	..	271·6	31st	257·0	243·9	26th	..	+2·5	*262·5*	26	+ 2
366	Okhotsk	59 21	143 12	6·0	1016·3	1017·1	+ 1·2	268·4	271·8	16th	259·8	243·1	1st	264·1	+5·9	*264·3*	7	
367																		
368	Petropavlovsk (Radio)	53 0	158 39	13·5	1006·2	1007·9	+ 1·1	274·0	277·7	26th	264·8	251·7	18th	269·4	..	*269·4*	412	
369		N.	E.															
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Estimates not based on at least six equally-spaced observations each day are in *italics*.

Table representing the Meteorology of the Globe between Latitude 50° N. and 40° N.

MARCH—ZONE 4.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean	Temperature: Diff. from Normal.	Temperature: †24hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
411	Victoria, B.C.	48 24	123 19	70·1	1006·4	1015·0	− 0·8	281·3	287·4	10th	276·3	272·4	5th	278·8	−0·1	278·6	136	+ 71
412	Portland, Oregon	45 32	122 41	46·6	1012·3	1017·6	+ 0·7	284·8	293·0	30th	277·8	273·0	4th	281·3	+0·4	*281·3*	268	+145
413	Macleod	49 44	113 24	954	..	..	..	279·1	291·3	12th	267·1	248·0	2nd, 4th	273·1	+3·5	..	16	− 2
414	Helena	46 34	112 4	1253	871·2	1014·9	− 2·0	282·3	291·9	11th	271·0	251·3	2nd	276·7	+3·7	*276·3*	12	− 7
414*a*	Salt Lake City	40 46	111 54	1329	868·0	1016·9	+ 1·8	286·4	295·8	17th	275·5	268·0	6th	280·9	+2·9	*281·1*	77	+ 24
415	Cheyenne	41 8	104 48	1856	810·2	1014·2	− 0·8	282·9	292·4	20th	270·4	256·9	2nd	276·7	+3·5	*277·1*	5	− 19
416	North Platte	41 8	100 45	859	914·9	1015·2	− 1·4	287·7	299·7	20th	270·5	252·4	3rd	279·1	+3·7	*278·5*	5	− 17
416*a*	Bismarck	46 47	100 38	511	955·4	1018·3	− 0·4	274·5	288·0	11th	263·4	242·4	2nd	268·9	+1·4	*269·0*	83	+ 57
417	Winnipeg	49 53	97 7	232	989·1	1019·0	+ 0·2	268·6	278·0	30th, 31st	258·6	240·8	1st	263·6	+0·4	263·6	54	+ 26
418	Duluth	46 47	92 6	345	974·5	1017·6	− 0·1	270·1	280·2	29th	261·4	250·2	2nd	265·7	−2·4	*265·9*	63	+ 22
419	Port Arthur	48 27	89 12	190	992·4	1017·7	+ 0·4	271·3	281·9	29th	258·6	244·7	1st	264·9	−0·7	*264·9*	34	+ 11
420	Chicago	41 53	87 37	251	984·7	1015·6	− 1·6	278·1	295·2	25th	270·7	261·9	4th	274·4	−0·4	*274·2*	63	+ 1
421	Toronto	43 40	79 24	116	999·6	1014·5	− 2·5	273·6	286·9	29th	265·2	254·1	18th	269·4	−1·9	269·2	69	+ 2
422	New York (Central Park)	40 46	73 58	30·2	1009·3	1013·1	− 3·3	276·9	291·3	31st	269·4	259·1	18th	273·2	−3·1	273·0	94	− 2
423	St. John, N.B.	45 17	66 4	36·2	1004·0	1008·6	− 5·4	272·4	284·7	30th	263·6	256·3	21st	268·0	−3·0	268·1	58	− 57
424	S.W. Point, Anticosti	49 24	63 33	9·1	1007·1	1008·3	− 3·1	268·0	281·9	26th	261·9	254·1	3rd, 19th	264·9	−2·7	..	51	+ 4
424*a*	Sable Island (Main Station)	43 57	60 6	7·6	1005·8	1006·8	− 7·4	273·0	279·1	16th	268·6	264·7	21st	270·8	−2·4	..	133	+ 12
425	Port aux Basques	47 35	59 10	9·1	1004·2	1005·4	− 4·8	270·2	284·1	28th	264·1	256·3	4th	267·2	−1·7	..	93	− 25
426	St. John's, Newfoundland	47 34	52 42	38·1	999·6	1004·4	− 5·2	272·4	278·0	31st	266·3	258·0	4th	269·4	−1·6	..	120	− 4
435	Madrid	40 24	3 41	655	930·7	1007·6	− 8·8	284·9	294·0	18th	274·2	266·9	7th	279·5	−2·6	279·3	35	− 5
436	Nantes	47 15	W 1 34	36·5	998·9	1003·3	−12·1	283·0	291·0	18th	275·7	270·9	9th	279·3	−1·3	279·0	96	+ 38
437	Paris (Parc St. Maur)	48 49	E 2 29	50·3	998·0	1004·2	−10·9	283·6	292·1	19th	274·5	267·2	8th	279·0	−0·3	278·6	43	+ 5
438	Marseilles	43 18	5 23	74·8	995·7	1004·8	− 8·0	287·3	295·2	31st	278·3	271·6	7th	282·8	+0·2	282·4	70	+ 33
438*a*	Zürich	47 23	8 33	493	947·5	1006·3	− 9·2	283·3	291·1	28th	274·4	265·3	8th	278·8	+1·2	278·1	72	− 1
439	Rome	41 54	12 28	50·6	1001·7	1007·6	− 5·5	289·2	295·7	31st	281·7	275·7	10th	285·5	+2·0	*285·3*	113	+ 44
440	Vienna	48 15	16 22	203	981·7	1006·6	− 8·0	284·2	289·8	24th	277·3	273·4	8th	280·8	+3·8	280·5	33	− 13
441	Buda-Pesth	47 31	19 1	130	992·6	1008·2	− 6·4	287·0	293·3	30th	278·1	273·3	8th	282·6	+4·1	*282·0*	77	+ 31
442	Bucharest	44 25	26 6	82	1002·4	1012·4	− 2·8	285·0	296·3	25th	276·9	271·4	1st	280·9	+2·8	280·7	50	+ 9
443	Odessa (University)	46 29	30 44	65·3	1006·6	1014·8	− 1·1	279·8	290·1	25th	275·0	270·9	1st	277·4	+2·3	*277·3*	36	+ 9
444	Kharkov (University)	50 0	36 14	140	1002·4	1020·1	+ 2·4	276·6	291·2	27th	269·9	258·5	1st	273·2	+1·3	*272·9*	27	− 8
444*a*	Novorossiisk	44 44	37 49	37·1	1010·3	1014·8	− 1·5	286·4	295·1	27th	278·4	270·1	1st	282·4	+3·1	*282·1*	22	− 36
445	Tiflis	41 43	44 48	404	971·4	1019·9	+ 1·4	286·2	293·4	25th	276·8	267·0	2nd	281·5	+1·2	*280·9*	10	− 19
446	Astrakhan	46 21	48 2	−13·8	1026·2	1024·5	+ 5·2	277·2	286·5	25th	267·5	259·7	1st	272·4	−1·2	*271·8*	1	− 10
447	Fort Alexandrovsk	44 30	50 16	24	1018·6	1021·6	+ 2·7	280·0	288·9	28th	271·3	264·1	3rd	275·6	−0·1	*274·9*	4	− 6
448	Krasnovodsk	40 0	52 59	−14·6	1021·8	1020·0	+ 1·7	286·3	294·3	29th	278·1	271·2	2nd	282·2	+0·1	*281·9*	6	− 13
449	Aralskoe More	46 47	61 42	57·0	1018·2	1025·6	+ 3·2	269·9	281·6	30th	260·8	248·2	15th	265·4	−3·4	*265·7*	19	..
450	Tachkent	41 20	69 18	479	..	963·5	1020·6	+ 0·9	287·4	295·1	23rd	277·5	267·8	4th	282·4	+1·0	*281·7*	44
451	Narynskoe	41 26	76 0	?2015	795·2	..	..	..	..	..	..	..	..	268·4	259·9	2nd	..	+4·2	*272·9*	22	..
452	Vernyi	43 16	76 53	?825	924·1	1022·5	+ 0·6	280·1	289·4	25th	271·0	264·1	10th	275·6	..	*274·9*	73	..
461	Mukden	41 48	123 23	43·8	1015·6	1021·3	+ 0·3	274·2	284·8	28th	263·5	254·0	2nd	268·9	−2·7	268·8	2	− 17
462	Jushin	40 40	129 11	4·0	1015·9	1016·4	− 1·4	276·8	286·0	29th	267·0	261·0	2nd	271·9	−1·7	271·9	12	− 12
463	Yuki	42 20	130 24	65·6	1008·2	1016·7	..	273·6	280·5	29th	265·8	259·5	2nd	269·7	..	269·4	6	..
464	Vladivostok	43 7	131 55	28·8	1012·2	1015·9	− 2·4	272·5	281·0	29th	264·1	257·1	1st	268·3	−2·2	268·0	32	+ 16
465	Ochiai	47 20	142 44	6·6	1007·0	1007·9	− 5·2	271·4	275·2	1, 29, 30	255·5	245·5	14th	263·5	−0·3	264·6	28	− 9
466	Nemuro	43 20	145 35	26·7	1005·8	1009·2	− 4·2	274·3	279·3	30th	267·7	263·1	15th	271·0	+0·6	271·0	53	+ 6
466*a*	Syana	45 14	147 53	39·3	1003·2	1008·2	− 4·4	272·4	277·6	30th	265·4	259·3	19th	268·9	+0·1	268·9	69	+ 1
		N.	E.															
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Estimates not based on at least six equally-spaced observations each day are in *italics*.

Between Latitude 40° N. and 30° N.

MARCH—ZONE 5 (Western Half).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean	Temperature: Diff. from Normal.	Temperature: †24hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		N.	W.															
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
511	San Francisco	37 48	122 26	47·2	1013·5	1019·3	+ 1·8	290·8	298·0	13th	282·5	279·7	24th	286·7	+1·7	*286·2*	34	− 48
512	San Luis Obispo	35 18	120 39	61·3	1011·7	1019·3	+ 1·3	293·4	305·8	10th	281·3	275·8	3rd	287·4	+2·1	*287·0*	54	− 37
513	San Diego	32 43	117 10	26·5	1013·5	1016·6	− 0·2	291·8	300·2	8th	284·4	279·1	25th	288·1	+1·4	*287·8*	25	− 14
514	Modena	37 48	113 54	1670	834·0	1016·2	+ 1·9	287·3	295·2	12th	270·4	256·9	2nd	278·9	+2·3	*279·0*	38	+ 9
515	Santa Fé	35 41	105 57	2138	786·8	1014·5	+ 1·6	286·0	293·0	20th	272·9	266·3	3rd	279·4	+2·4	*279·5*	35	+ 16
516	Denver	39 45	105 0	1613	835·3	1013·9	− 0·6	287·8	296·9	12th	273·4	259·1	2nd	280·6	+4·2	*281·0*	13	− 12
517	Abilene	32 23	99 40	530	953·2	1014·2	− 1·1	298·2	309·7	21st	281·7	267·4	3rd	289·9	+3·7	*289·4*	30	+ 1
518	Saint Louis	38 38	90 12	173	993·5	1014·5	− 2·8	285·9	299·7	13th	274·4	263·6	4th	280·2	+0·4	*279·8*	46	− 38
519	Mobile	30 41	88 2	17·4	1015·8	1017·9	− 0·1	293·7	301·3	22nd	283·3	273·6	16th	288·5	0·0	*288·1*	68	− 99
520	Nashville	36 10	86 47	166	996·5	1016·6	− 1·4	287·4	300·8	21st	275·6	266·3	4th	281·5	−0·6	*281·9*	91	− 37
521	Charleston	32 47	79 56	14·6	1014·4	1016·2	− 2·1	291·3	298·6	14th	280·4	271·3	9th	285·9	−1·2	*285·8*	50	− 36
522	Washington	38 54	77 3	34·1	1010·0	1014·2	− 3·4	281·2	294·7	25th	271·4	263·0	18th	276·3	−2·4	*276·3*	71	− 27
524	Bermuda	32 18	64 46	46·0	1009·1	1014·6	− 2·9	291·8	294·4	29th	285·4	280·1	5th	288·6	−1·5	*288·6*	139	+ 26
530	Santa Cruz (Flores)	39 27	31 9	28	1011·5	1014·6	− 7·6	290·2	294·2	27th	285·1	280·7	15th	287·7	+0·7	*287·7*	183	+ 29
531	Horta	38 32	28 38	63	1006·8	1014·0	− 5·6	289·1	293·2	5th	285·0	280·7	16th	287·1	−1·1	*286·3*	145	+ 48
532	Ponta Delgada	37 44	25 40	22	1011·5	1013·4	− 6·6	288·9	290·8	28th	285·1	282·4	11th	287·0	0·0	287·1	..	..
532*a*	Faja da Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	205	+ 75
533	Madeira (Funchal)	32 37	16 54	25	1012·0	1015·0	− 3·5	290·3	292·7	2nd	285·2	283·0	11th	287·7	−1·0	*287·8*	117	+ 37
534	Lisbon	38 43	9 9	95	995·9	1007·4	− 9·0	286·6	288·9	25th	281·9	278·1	7th	284·3	−1·3	*284·2*	144	+ 56
535	Gibraltar	36 6	5 21	16·2	1008·4	1010·3	− 5·6	288·7	291·4	16, 18, 27	282·7	280·0	8, 30, 31	285·7	−1·5	*285·6*	276	+154
536	Melilla	35 18	2 59	8	1014·1	1015·1	− 2·8	290·9	296·5	22nd	281·6	279·4	8th	286·2	−1·2	*288·2*	156	+ 84
536*a*		N.	W.															
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Estimates not based on at least six equally-spaced observations each day are in *italics*.

MARCH—ZONE 5 (Eastern Half). Table representing the Meteorology of the Globe between Latitude 40° N. and 30° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ E.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
537	Palma	39 34	2 38	23	1003·4	1006·2	− 9·0	289·0	295·2	18th	282·1	274·8	8th	285·5	−0·4	..	57	+ 18
538	Algiers (Bouzaréah)	36 48	3 2	344	968·0	1008·7	− 7·3	288·3	299·4	18th	281·9	276·2	6th	285·1	+0·2	284·6	184	+103
539	Tunis	36 48	10 10	33	..	..	..	293·5	299·0	12th	281·7	277·2	5th	287·6	+1·4	*287·1*	8	− 38
539*a*	Malta	35 53	14 30	58·8	..	..	..	290·5	292·7	14th	285·8	283·4	3rd	288·0	+1·6	*287·2*	15	− 19
540	Riposto	37 41	15 14	14·2	..	1012·8	− 2·1	289·6	291·9	27th	284·2	282·4	10th	286·9	+0·4	*286·3*	10	− 40
541	Athens	37 58	23 43	107	999·7	1012·6	− 1·3	290·2	294·0	31st	282·6	279·5	1st	286·4	+2·1	286·4	29	− 6
542	Alexandria	31 12	29 53	32·0	1009·1	1012·9	− 2·8	296·1	306·3	28th	287·3	284·9	14th	291·7	+1·7	*290·3*	8	− 5
543	Cairo (Helwan)	29 52	31 20	116	998·4	1011·9	− 3·3	299·5	310·6	29th	286·4	281·4	11th	293·0	+2·7	292·6	26	+ 20
544	Nicosia (P.W.D.)	35 9	33 22	159	993·2	1011·8	− 2·5	292·9	299·1	28th, 29th	281·7	278·0	22nd	287·3	+2·1	..	30	+ 10
544*a*	Beirut	33 54	35 28	33·7	..	1011·4	− 1·8	292·9	298·0	17th	286·2	282·2	2nd	289·5	+1·1	..	109	+ 12
545	Baghdad	33 21	44 28	38·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
546	Busrah	30 31	47 53	7·6	1013·6	1014·7	− 2·1	298·6	304·2	27th	287·3	279·7	1st	292·9	+1·6	..	34	+ 28
546*a*	Lenkoran	38 46	48 51	− 19·3	1023·0	1020·7	+ 1·8	..	286·4	27th, 28th	278·1	270·6	3rd	..	+0·2	*280·6*	53	+105
547	Teheran	35 41	51 25	1220	..	..	..	287·0	292·6	12th	277·4	266·4	2nd	282·2	−0·1	*282·4*	154	+ 14
548	Meshed	36 16	59 35	946	..	..	..	286·7	297·7	13th	274·9	270·2	3rd	280·8	−0·1	..	73	..
549	Seistan	31 0	61 30	?	..	..	..	295·3	302·2	23rd	282·2	277·0	20th	288·7	..	..	26	..
550	Quetta	30 11	67 3	1677	833·9	..	+ 0·2	293·4	297·7	14th	277·0	272·1	5th	285·2	+1·4	*285·4*	7	− 42
551	Peshawar	34 2	71 37	339	974·3	1013·7	− 1·5	300·9	305·9	14th	285·2	279·7	1st	293·1	+2·6	*292·7*	34	+ 20
551*a*	Lahore	31 34	74 20	214	986·6	1011·4	− 1·1	305·0	309·0	15, 16, 26	287·4	281·0	2nd	296·2	+2·6	*296·0*	6	− 13
552	Simla	31 7	77 8	2205	781·9	..	+ 1·3	289·1	292·4	31st	282·5	278·2	21st	285·8	+2·9	*286·0*	18	− 44
552*a*	Leh	34 10	77 42	3503	667·6	..	+ 2·7	283·8	288·3	16th	268·3	260·8	1st	276·1	+2·7	*275·4*	0	− 7
559	Hang Kow	30 35	114 17	37·0	1017·9	1022·4	+ 0·8	287·0	297·6	29th	279·1	273·9	1st	283·1	−0·4	*282·9*	31	− 48
560	Tientsin	39 10	117 10	5·0	1021·9	1022·5	+ 0·6	282·3	295·8	28th	271·2	265·5	5th	276·7	−1·3	*276·4*	12	+ 1
561	Shanghai (Zi-Ka-Wei)	31 12	121 26	7	..	1021·9	+ 0·6	285·5	296·7	29th	276·2	271·0	24th	280·8	−0·6	280·2	80	− 8
562	Jinsen (Chemulpo)	37 29	126 37	67·6	1012·0	1020·6	+ 0·1	277·7	283·5	30th	269·8	263·3	2nd	273·7	−3·5	273·1	7	− 41
562*a*	Nagasaki	32 44	129 52	133	1002·8	1019·2	+ 1·3	284·3	291·2	30th	276·6	272·5	19th	280·4	−2·2	279·9	93	− 77
563	Kioto	35 1	135 44	42·9	1011·6	1016·9	− 0·8	284·4	292·2	31st	271·9	268·8	9th	278·1	−1·2	277·9	30	− 52
564	Tokio	35 41	139 45	21·3	1011·5	1014·1	− 1·3	284·0	293·1	30th	274·1	269·1	25th	279·1	−0·9	278·8	61	− 72
565	Kanayama	37 53	140 46	24·6	1010·9	1013·9	− 2·2	280·9	289·8	27th	271·0	266·5	1st, 7th	275·9	−1·1	275·7	20	− 68
566	Miyako	39 38	141 59	30·4	1009·0	1012·8	− 3·0	281·5	289·0	30th	269·7	266·2	26th	275·6	−0·7	274·7	20	..
		N.	E.															

MARCH—ZONE 6. Between Latitude 30° N. and 20° N.

		N.	W.															
605	Honolulu	21 19	157 52	11·6	1015·6	1016·9	− 0·4	298·4	300·8	..	293·3	290·8	..	295·9	+1·1	*296·3*	172	+ 68
606																		
615	Zacatecas	22 47	102 35	2610	..	..	..	..	..	..	..	..	..	..	..	..	..	..
616	Leon	21 7	101 41	1800	..	..	..	..	..	..	..	..	..	..	..	..	4	− 24
617	Tulancingo	20 5	98 22	2180	..	..	..	..	..	..	..	..	..	..	..	..	6	− 64
618	Galveston	29 18	94 50	16·5	1015·3	1017·3	+ 0·4	294·7	298·6	7th	288·9	281·9	3rd	291·8	+1·8	*291·6*	16	− 113
618*a*	New Orleans	29 58	90 4	16·2	..	1017·9	+ 0·5	296·1	300·8	22nd	285·3	276·9	16th	290·7	+0·2	*289·9*	16	− 15
619	Havana	23 8	82 21	24·3	..	1018·3	+ 1·2	298·7	303·1	2nd	291·5	288·6	16th	295·1	−0·7	*295·2*	33	− 19
620	Key West	24 33	81 48	6·7	1017·5	1017·9	+ 0·2	297·6	300·8	7th	290·8	285·2	17th	294·2	−1·8	*293·8*	16	− 39
621	Nassau, Bahamas	25 5	77 21	3·7	..	..	..	..	..	..	291·4	288·6	17th	..	−1·4	*294·1*	1	..
622	Watling Island	24 6	74 26	33·5	1013·8	1017·7	+ 0·9	..	300·2	24th, 30th	..	291·4	4, 17, 18	..	..	*295·6*	..	..
633	Izaña	28 19	16 30	2367	763·3	..	..	280·1	286·2	31st	272·2	268·5	19th	276·1	..	275·4	51	− 39
634	La Laguna	28 28	16 20	547	951·9	1015·5	− 3·2	289·5	293·4	17th	282·6	279·5	4th	286·0	−0·5	*285·6*	45	..
630	Colomb-Béchar	31 38	W 2 13	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
637	Timimoun	29 9	E 0 10	?	..	..	..	301·1	309·1	19th	283·3	278·0	9th	292·2	..	*291·7*	0	..
641	Siwa	29 12	25 29	− 23	..	..	..	..	..	..	..	..	..	..	..	..	..	..
642																		
643	Aswan	24 2	32 53	99·6	999·1	1010·6	− 3·2	306·9	314·4	6th	289·8	285·5	12th, 22nd	298·4	+3·1	*297·0*	..	..
644	Tor	28 13	33 37	1·9	1010·6	1010·7	− 3·0	298·9	307·5	30th	287·4	282·4	3rd	293·2	+1·7	*292·8*	..	..
647	Bushire	28 59	50 53	4·3	1012·3	1012·9	− 1·7	297·2	303·6	7th	289·3	282·2	3rd	293·2	+1·5	*292·6*	21	− 1
648	Jask	25 44	57 47	4·0	1012·9	1013·5	− 0·4	300·4	303·3	30th	292·7	289·4	3rd	296·6	+0·8	*296·0*	19	..
649	Robat	29 45	60 55	?	910·9	..	..	296·9	302·7	13th	..	..	..	286·2	..	..	23	− 6
649*a*	Karachi	24 53	66 57	4·0	1012·5	1012·9	− 0·2	301·0	304·1	20th	293·9	289·3	1st	297·4	+1·1	*296·8*	0	− 5
650	Hyderabad, Sind	25 24	68 18	29·3	1008·2	1011·5	− 1·0	309·3	313·5	25th	291·3	286·8	10th	300·3	+1·6	*299·7*	0	− 5
650*a*	Jacobabad	28 17	68 29	56·7	1005·2	1011·7	− 0·6	308·9	313·8	24th	289·9	284·6	5th	299·4	+2·4	*298·9*	1	− 8
651	Jaipur	26 56	75 52	436	962·4	1011·4	− 1·3	308·1	311·6	16th, 25th	289·9	283·9	1st	299·0	+2·1	*298·9*	0	− 12
652	Nagpur	21 8	79 5	310	976·8	1011·6	− 0·1	310·3	313·6	19th	292·3	286·7	4th	301·3	+0·1	*300·9*	1	..
653	Allahabad	25 25	81 51	94·1	999·7	1010·5	− 1·3	308·1	313·2	28th	289·9	282·9	3rd	299·0	+0·9	*298·6*	0	− 43
653*a*	Darjiling	27 3	88 18	2266	775·6	..	− 0·1	289·2	295·3	20th	280·8	276·8	1st	285·0	+2·4	*285·2*	2	− 25
654	Calcutta	22 30	88 23	6·4	1009·7	1010·3	− 1·3	308·3	312·4	18th, 19th	294·2	287·6	2nd	301·2	+1·5	*300·8*	0	− 13
655	Gauhati	26 8	91 41	59·7	1004·5	1011·5	− 1·3	304·3	307·9	19th	286·6	285·4	1st	296·9	+1·6	*296·0*	47	− 7
655*m*	Cherrapunji	25 15	91 42	1314	868·6	..	− 0·5	294·7	298·8	17th	286·1	280·3	20th	290·4	+1·5	*289·7*	499	+ 15
655*a*	Akyab	20 11	92 56	6·1	1011·4	1012·0	− 0·3	302·5	304·5	16th	294·1	287·7	2nd	298·3	?−0·6	*298·4*	0	− 3
656	Mandalay	21 59	96 0	76·2	1002·2	1010·9	− 0·7	?311·3	313·9	20th	294·9	289·0	4th	?303·1	?+1·8	*?302·7*	2	..
656*a*	Tengyueh	24 59	98 35	1633	833·1	..	..	294·7	299·9	14, 16, 19	278·7	273·0	4th	286·7	..	*286·3*	20	− 24
657	Phu Lien	20 48	106 37	116	1001·1	1014·9	+ 1·1	292·7	299·9	7th	288·4	284·7	25th	290·5	−1·8	290·1	31	+ 14
658	Moncay	21 31	107 51	9	1014·4	1015·5	+ 1·2	292·4	299·2	31st	286·9	280·8	3rd	289·7	−2·3	*289·9*	90	− 66
659	Hong Kong	22 18	114 10	33·2	..	1016·6	+ 0·8	290·4	299·2	31st	287·1	281·9	1st	288·7	−1·5	288·7	9	− 18
660	Amoy	24 27	118 4	ca.3	..	..	..	..	..	..	..	..	..	..	..	..	..	− 84
661	Taihoku, Formosa	25 2	121 31	9·3	1017·4	1018·5	+ 0·9	291·6	298·9	27th	285·8	280·8	2nd	288·7	−1·5	288·3	160	− 49
661*a*	Santo Domingo	20 28	121 59	18·7	..	1012·5	− 0·7	..	..	..	..	..	..	..	−0·7	*296·3*	37	..
662	Naha	26 13	127 41	10·5	1016·7	1018·0	+ 1·1	292·9	298·8	31st	286·0	279·7	3rd	289·5	−1·6	289·3	105	+ 85
665	Titizima (Bonin Islands)	27 5	142 11	4·0	1015·1	1015·6	− 1·3	293·8	296·9	30th	288·1	282·4	20th	290·9	−0·6	290·9	196	..
		N.	E.															

* Mean of max. and min. or of observations at fixed hours. † Estimates not based on at least six equally-spaced observations each day are in *italics*.

Table representing the Meteorology of the Globe between Latitude 20° N. and 10° N. MARCH—ZONE 7.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
715	Zapotlanejo	19 38	103 37	1529	..	..	..	..	..	..	..	..	..	..	..	..	..	..
716	Morelia	19 42	101 0	1933	..	..	..	..	..	..	..	..	..	..	..	..	..	..
717	Mexico	19 26	99 8	2259	780·5	..	+ 1·0	295·8	299·3	2nd	280·6	274·6	16th	288·2	−0·8	288·1	7	− 5
718	Oaxaca	17 4	96 44	1563	..	..	..	..	..	..	..	..	..	..	..	..	..	..
718*a*	Salina Cruz	16 12	95 16	56·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
719	San Salvador	13 42	89 12	684	937·3	1013·8	+ 1·3	298·9	312·3	20th	294·2	285·8	19th, 20th	296·5	−0·2	*296·4*	0	− 11
720	Belize	17 29	88 12	5·2	..	..	..	..	301·9	..	..	291·9	..	..	..	..	124	+ 81
721	Jamaica (Negril Point)	18 15	78 23	10·1	..	1015·1	+ 0·5	301·5	302·8	6th	293·3	290·8	8th	297·4	−0·2	*297·3*	25	− 34
722	Port au Prince	18 34	72 22	37·4	1011·2	1015·5	+ 0·4	305·2	308·1	9th	293·9	292·1	8th	299·5	+0·4	298·5	128	+ 33
723	Caracas	10 31	66 56	1010	900·2	..	− 0·4	298·7	300·6	7th, 23rd	287·2	284·9	8th	292·9	−0·1	*291·9*	14	− 3
723*b*	St. Croix (Christiansted)	17 45	64 42	6·6	..	..	..	300·2	303·6	17th	295·5	293·5	10th	297·9	−0·3	*297·5*	11	− 22
724	Montserrat	16 41	62 9	39·6	1010·8	1015·4	− 1·0	301·8	303·6	22nd, 31st	294·7	292·4	13th	298·2	..	*297·7*	95	..
725	Grenada (Richmond Hill)	12 3	61 45	155	994·9	1012·8	− 0·2	302·1	304·7	27th	295·3	293·6	5th	298·7	+0·3	*298·2*	70	0
	Barbados	13 8	59 36	55·2	..	1014·0	− 0·9	302·4	303·8	30th	294·1	291·1	27th	298·2	+0·3	*297·6*	51	+ 13
731	St. Vincent, C. Verde Is.	16 54	25 4	11	1013·6	1014·9	+ 0·4	295·5	296·2	22, 23, 25	292·1	290·0	2nd	293·8	−0·7	*294·2*	0	− 1
732	San Tiago, C. Verde Is.	14 54	23 31	740	1009·7	1014·4	− 0·1	297·3	299·5	10th	292·1	290·8	1st	294·7	−0·7	*294·6*	0	− 2
733	Bathurst	13 24	16 36	1·5	..	1013·3	+ 0·5	301·9	306·9	8th	291·2	288·6	10th	296·6	−0·5	*296·2*	0	0
734	M'Carthy Island	13 42	14 46	1·1	..	..	..	313·4	315·2	sev. dates	290·6	285·8	4th	302·0	−0·6	..	0	0
735	Ségou	13 34	6 17	300	..	..	..	..	..	..	..	..	..	..	..	..	0	..
736	Timbuctoo	16 43	W 3 1	270	..	..	..	310·4	315·8	20th	293·0	285·5	7th	301·7	+0·7	*301·5*	0	..
737	Sokoto	13 2	E 5 14	353	..	..	..	315·4	317·4	3rd, 26th	294·9	289·1	1st	305·2	+2·0	..	0	− 3
738	Kaduna Junction	10 50	7 25	640	..	..	..	309·3	311·9	2nd	292·6	284·1	3rd	300·9	+1·0	..	8	− 2
739	Katagum	12 17	10 22	30·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
740	Maiduguri	11 47	13 11	361	..	..	..	315·8	318·6	31st	294·2	289·1	17th	305·0	+2·2	..	0	− 0
743	El Obeid	11 37	30 14	569	945·1	1008·3	− 1·4	309·7	313·4	6th	287·6	282·9	21st	298·6	−0·4	*297·0*	0	− 2
743*a*	Khartoum	15 37	32 33	390	963·9	1007·6	− 1·3	309·4	313·6	6th	291·7	286·8	13th	300·6	+0·7	*299·9*	0	0
744	Port Sudan	19 37	37 13	5·9	1009·6	1010·3	− 1·7	302·6	306·6	31st	292·1	287·2	16th	297·4	+0·4	*297·1*	0	− 2
745	Berbera, Somaliland	10 22	45 2	10·1	..	1011·9	− 1·1	302·5	304·1	31st	296·7	294·1	7th	299·6	+0·3	*298·9*	1	− 22
751	Aden	12 45	45 3	28·7	1009·3	1012·5	− 0·8	300·7	303·0	29th, 30th	297·1	294·5	9th	298·9	−0·5	*298·2*	0	− 16
751*a*	Bombay	18 54	72 49	11·3	1010·8	1012·0	− 0·7	303·9	307·5	3rd	296·8	293·7	1st	300·3	+0·9	*299·5*	0	− 1
752	Cochin	10 58	76 21	2·7	1011·4	1011·7	− 0·3	306·2	307·1	16th	298·7	296·8	6th	302·4	+0·4	*301·5*	29	− 24
752*a*	Kodaikanal	10 14	77 28	2343	772·3	..	0·0	294·6	297·1	30th	283·6	280·1	10th	289·1	+0·7	*288·9*	18	− 36
753	Bangalore	12 59	77 38	920	911·5	1011·5	− 0·2	306·8	309·4	31st	291·3	286·8	11th	299·1	+0·7	*298·6*	0	− 12
754	Madras	13 4	80 14	6·7	1011·6	1012·3	− 0·2	305·3	309·3	1st	294·4	291·8	8, 9, 10	299·8	+0·6	*299·3*	0	− 5
754	Waltair	17 45	83 16	68·9	1004·4	1012·2	− 0·2	304·3	306·9	30th	295·8	293·5	6th, 14th	300·1	−0·1	*299·2*	0	− 9
755	Port Blair	11 40	92 40	17·7	1009·9	1011·9	− 0·2	305·6	307·4	28th	297·4	295·1	13th	301·5	−0·2	*300·6*	0	− 20
756	Rangoon	16 46	95 48	5·5	1011·7	1012·4	+ 0·2	307·9	310·2	23rd	294·2	292·3	4th	301·1	−0·6	*299·6*	11	+ 2
757	Saigon	10 47	106 42	11·2	1009·0	1010·2	− 0·3	306·5	308·3	22nd, 24th	295·7	293·7	7th	301·1	−0·7	*300·4*	34	+ 27
758	Nhatrang	12 15	109 12	3·6	1011·5	1011·9	− 0·1	301·9	303·4	14th	294·4	291·8	7th	298·1	−1·1	*297·6*	33	+ 13
759	Bolinao	16 24	119 53	9·7	..	1010·4	− 1·3	305·6	308·2	19th	295·9	292·9	12th	300·7	+0·2	300·4	1	− 14
761	Vigan	17 34	120 23	12·2	..	1010·5	− 0·9	303·5	305·3	26th	295·1	292·1	1st	299·3	−0·4	299·4	46	+ 40
761*a*	Manila	14 35	120 59	14·2	..	1010·7	− 0·9	305·7	307·9	29th	294·5	293·0	3rd	300·1	−0·2	299·4	29	+ 10
762	Ormoc	11 0	124 36	5·6	..	1009·9	− 0·7	304·2	306·5	22nd	295·4	292·2	8th	299·8	+0·6	299·3	141	+ 49
765	Guam, Ladrone Is.	13 24	144 38	20·4	..	1009·1	− 0·9	302·7	304·2	14th	296·4	294·8	2nd	299·5	+0·3	*299·9*	28	− 52
		N.	E.															

Between Latitude 10° N. and 0°. MARCH—ZONE 8.

805	Fanning Island	3 55	159 23	4·3	..	..	..	304·9	306·3	7th	298·3	297·4	31st	301·6	+0·9	*300·6*	100	−220
821	Colon	9 23	79 23	7·6	..	1012·4	+ 0·3	302·2	303·0	27th	297·7	296·3	10th	299·9	+0·4	*299·5*	68	+ 27
822	Bogota	4 36	74 6	2645	..	..	..	..	..	..	..	..	..	..	..	..	125	+ 37
822*a*	Merida	8 36	71 10	1641	841·5	..	..	296·1	298·3	1st	288·0	285·9	7th	292·0	..	*290·9*	131	..
824	El Peru, Guayanavieja	7 30	62 0	220	985·2	1010·2	− 1·1	303·8	305·9	30th	294·4	290·9	6th	299·1	+1·0	*298·5*	6	− 49
825	Georgetown, Brit. Guiana	6 50	58 12	1·8	..	1012·4	− 2·4	302·6	304·4	23rd	297·4	294·7	8th	300·0	+0·6	*299·2*	75	− 86
826	Paramaribo	5 49	55 9	3·7	..	..	..	302·6	304·4	30th	296·1	294·1	2nd	299·3	+0·3	*298·8*	244	+ 32
826*a*	Cayenne	4 56	52 21	6	..	..	..	302·9	304·4	28th	296·6	294·2	11th	299·7	+0·2	*300·0*	380	− 22
833	Conakry	9 31	13 43	16	1007·4	1009·2	− 1·1	306·2	308·2	..	297·5	294·2	..	301·9	+0·5	*301·3*	35	+ 33
834	Freetown, Sierra Leone	8 30	13 9	68·3	1002·2	1010·1	− 0·8	306·2	309·1	27th	297·4	293·6	16th	301·8	+0·7	*301·2*	57	+ 29
835	Cape Coast Castle	5 5	1 13	?	..	..	..	304·3	305·2	3rd	293·8	?291·9	31st	299·1	−1·2	*298·4*	51	− 7
836	Accra	5 12	W 0 12	18	..	..	..	304·9	306·9	9th	297·1	294·1	23rd	301·0	+0·4	*300·5*	48	+ 5
837	Lagos	6 27	E 3 24	1·8	1009·7	1009·9	− 1·1	305·1	306·4	..	298·6	294·8	..	301·8	+0·5	*301·4*	95	− 1
838*a*	Zungeru	9 49	6 10	130	994·6	1009·3	− 0·3	310·9	313·0	1, 2, 3	293·0	289·1	1st, 2nd	301·9	−1·4	..	36	+ 22
839	Libreville	0 23	9 26	35	1003·2	1007·2	..	306·0	308·5	21st	295·6	293·5	2nd	300·8	+0·8	*300·1*	257	− 91
841	Yola	9 12	12 30	259	..	..	..	311·6	314·7	3rd	298·2	291·9	3rd	304·9	+0·5	..	17	+ 8
843	Mongalla	7 42	28 3	440	956·7	1004·7	− 2·7	311·8	314·5	27, 28, 31	294·8	290·5	1st, 2nd	303·3	+0·9	*302·3*	90	+ 68
844	Malakal (Kodok)	5 11	31 47	439	956·5	1004·5	− 2·1	310·6	313·5	28th	296·7	295·0	12th	303·6	+1·5	*302·6*	10	− 29
845	Entebbe	9 35	31 37	3941	..	..	..	312·7	315·6	28th, 31st	294·9	290·0	22nd	303·8	+0·8	*303·1*	0	− 7
851	Harrar	0 5	32 29	1171	882·3	..	− 0·7	299·6	300·5	24th	291·2	290·2	30th	295·4	+0·2	*294·8*	143	− 5
852	Mimicoy	9 42	42 30	1856	..	..	..	298·0	299·0	sev. dates	287·4	286·0	2nd	292·7	−0·8	..	91	+ 15
853	Colombo Observatory	8 17	72 49	2·1	1012·5	1012·7	+ 0·5	..	..	..	..	..	..	..	..	..	32	+ 8
854	Nuwara Eliya	6 54	79 53	7·3	1009·3	1010·1	+ 0·3	304·3	305·3	23rd	296·1	293·3	1st	300·2	−0·6	*299·3*	114	+ 2
855	Trincomalee	8 59	80 47	1886	..	..	..	295·6	297·6	5th	280·4	274·9	30th	288·0	−0·1	*286·9*	94	+ 14
856	Kota Radja	8 34	81 14	30·2	1007·1	1010·5	+ 0·5	306·7	309·3	30th	296·8	294·7	4th	301·8	+0·8	*300·9*	100	+ 61
857	Medan	5 32	95 20	7·1	..	1009·8	− 1·3	..	..	..	..	..	..	..	..	..	95	+ 9
	Penang	5 35	98 41	25·0	..	1009·4	− 1·3	304·4	306·1	23rd	294·7	292·4	5th	299·5	..	298·9	107	+ 13
858	Singapore	1 17	103 51	3·0	1008·9	1009·2	− 0·9	304·3	306·6	18th	296·4	295·5	7th	300·4	+0·1	*299·9*	271	+ 83
859	Sandakan	5 50	118 7	?	..	..	..	303·4	305·2	30th, 31st	296·0	295·2	2, 7, 17

MARCH—ZONE 9. Table representing the Meteorology of the Globe between Latitude 0° and 10° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
905	Malden Island	4 2	155 1	7·9	1010·0	1010·9	+ 0·8	304·9	305·8	sev.	296·7	295·2	12th, 15th	300·8	−1·1	*300·1*	74	− 36
921	Quito	0 10	78 35	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
924	Manaos	3 8	60 1	44·9	1006·1	1011·3	− 1·1	303·5	307·8	6th	296·1	294·2	22nd	299·8	−0·4	*299·2*	155	− 47
926	Taperinha	2 30	54 42	20·0	1008·4	1010·7	..	..	..	..	295·5	294·1	11th	..	..	*297·7*	270	+188
927	Turyassu	1 43	45 27	15·0	1008·5	1010·2	− 0·7	302·6	305·8	20th	295·0	293·9	6th	298·8	−0·6	*297·9*	613	+ 65
928	Barra do Corda	5 31	45 16	81·0	1000·5	1009·9	− 0·4	303·9	305·6	sev.	295·3	292·8	13th	299·6	+0·3	*298·3*	217	+117
929	Quixeramobim	5 16	39 15	207	987·1	1010·6	− 0·5	303·5	306·8	1st	297·1	295·5	17th	300·3	−0·6	*299·5*	268	+115
930	Fernando Noronha	3 50	W32 55	95·0	998·6	1009·6	− 1·1	300·6	301·7	1st	297·4	293·8	11th	299·0	..	*298·9*	308	..
939	Loanda	8 49	E 13 13	59·3	..	1007·8	− 2·0	302·3	303·9	9th	297·4	295·4	14th	299·9	+0·6	299·7	143	+ 86
940	Brazzaville	4 17	15 16	290	974·5	1007·1	..	306·4	309·0	24th, 25th	294·1	292·0	13th	300·3	+0·5	*299·5*	72	− 84
943	Masaka	0 21	31 47	?1280	..	..	..	298·8	301·3	23, 26, 27	289·3	287·4	11th, 21st	294·1	+0·3	*293·4*	29	− 65
944	Nairobi	1 15	36 44	1800	..	..	..	298·0	303·6	9th	284·1	280·2	12th	291·1	−0·7	..	87	− 31
944*a*	Zanzibar	6 10	39 11	21·9	1010·6	1013·0	+ 0·3	303·7	306·0	27th	299·5	297·7	21st	301·6	+0·3	*300·8*	58	− 94
945	Lamu	2 16	40 54	3·1	..	..	..	304·1	304·7	13th	299·1	298·0	1st	301·6	+0·7	*301·2*	0	− 23
947	Seychelles, Port Office	4 37	55 27	4·6	1010·4	1010·9	+ 0·3	302·2	303·4	28th	299·0	297·9	24th	300·6	+0·2	*300·3*	177	− 64
957	Padang	0 56	100 22	6·7	..	1010·1	− 1·1	304·0	307·0	4th	296·6	294·9	8th	300·3	..	299·7	511	+220
958	Batavia	6 11	106 50	8·0	1008·2	1009·1	− 0·8	302·5	306·1	9th	296·5	295·3	28th, 29th	299·5	0·0	299·0	243	+ 31
958*a*	Pontianak	0 1	109 20	2·6	..	1009·3	− 1·2	304·2	306·1	17th	297·0	295·8	1st	300·6	..	299·9	240	+ 3
959	Passeroean	7 38	112 55	5·0	..	1008·7	− 0·7	303·4	305·4	29th	295·3	294·1	14th	299·3	−1·0	298·4	289	+ 83
960	Kajoemas	7 56	114 9	1060	..	..	..	295·7	298·9	28th	291·1	290·0	5th	293·4	..	292·6	511	+ 57
962	Ambon	3 42	128 10	4·2	..	1008·8	+ 0·3	303·5	305·4	14th	296·9	295·5	30th	300·2	+0·6	299·6	133	+ 1
963	Manokwari	0 52	134 20	19·0	..	1008·0	− 1·3	302·4	303·6	28th	296·4	295·1	13th	299·4	..	298·8	550	+227
965	Daru	9 4	143 13	7·6	..	1008·6	− 1·0	303·4	..	..	..	..	..	..	..	..	301	− 28
966	Port Moresby	9 29	147 9	39·0	..	1008·6	− 0·6	304·1	..	..	297·2	..	..	300·7	−0·1	*300·2*	163	− 9
967																		
968	Rendova	8 30	157 12	1·8	1007·2	1007·3	− 0·3	..	..	..	..	..	..	..	..	..	522	− 9
969	Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	1007·5	1007·7	− 0·1	304·7	307·4	29th	298·3	296·9	8th, 17th	301·5	+0·9	*301·1*	408	− 11
970	Ocean Island	0 52 S.	169 35 E.	25·6	1003·7	1006·6	− 1·3	304·7	305·4	11th, 22nd	297·9	296·6	12th	301·3	+0·4	*300·7*	17	− 197

MARCH—ZONE 10. Between Latitude 10° S. and 20° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1002	Apia, Samoa	13 48	171 46	2	..	1009·6	+ 0·7	302·4	305·9	12th	296·6	294·9	sev. dates	299·5	0·0	299·0	459	+ 91
1003	Aloñ, Niue Island	19 2	169 55	36·6	..	..	..	303·5	306·3	15, 16, 18	294·2	292·4	18th, 23rd	298·8	..	*298·2*	234	− 94
1007	Makatea	15 47	148 14	47	1006·1	1011·5	..	304·9	306·8	..	296·5	293·9	..	300·7	..	*300·2*	159	− 59
1021	Arequipa	16 22	71 33	2451	761·3	..	+ 0·2	292·4	294·3	16th	281·8	279·2	10th	287·1	−0·4	*286·4*	7	− 3
1022	Puerto de Arica	18 28	70 20	5	..	..	..	295·6	296·4	sev. dates	289·6	288·4	18th	292·6	+0·4	*294·6*	0	0
1023																		
1024	Sucre, Bolivia	19 30	64 24	2848	728·4	..	..	292·8	298·8	2nd	281·7	278·0	8th	287·3	−0·9	*286·8*	53	− 42
1025	Corumba	19 0	57 39	116	995·4	1008·6	− 1·3	310·0	312·0	20th	..	..	..	..	..	*300·6*	40	− 83
1026	Cuyaba	15 36	56 6	165	989·3	1008·1	− 1·3	302·8	305·7	3rd	297·6	293·5	8th	300·2	−0·1	*299·9*	215	− 4
1027	Bello Horizonte	19 55	43 55	857	917·4	1013·0	− 0·5	298·5	301·4	sev. dates	290·9	288·6	20th	294·7	−0·8	*293·9*	469	+304
1028	Caetite	14 2	42 36	900	914·0	1013·9	− 0·2	299·8	301·2	22nd	290·8	288·6	31st	295·3	−0·8	*295·2*	181	+ 8
1029	Ondina (Bahia)	13 0	38 30	47·0	1006·1	1011·5	− 0·6	302·3	303·5	27th	296·0	294·6	13th	299·1	−0·3	*298·6*	172	− 23
1030	Aracaju	10 55	37 3	4·0	1011·2	1011·6	− 1·2	303·1	305·0	30th	298·1	296·7	15th	300·6	+0·5	*300·7*	71	+ 10
1035	St. Helena	15 57	W 5 40	632	944·5	1015·4	− 0·2	296·4	299·7	11th	289·2	287·7	13th	292·8	+0·5	*292·5*	129	− 45
1042	Gwelo	19 28	E 29 47	1417	861·3	..	− 0·3	302·8	307·8	2nd	..	..	..	..	..	..	28	− 57
1043	Salisbury, Rhodesia	17 48	31 5	1457	856·1	..	− 0·6	301·3	307·6	1st	287·7	284·1	9th	294·5	+1·5	..	94	− 57
1044	Zomba	15 23	35 18	?945	906·3	1010·5	− 0·5	299·7	302·4	24th	291·1	288·6	9th, 11th	295·4	+0·8	*294·4*	142	+ 22
1045	Tananarivo	18 55	47 32	1400	863·6	..	+ 0·7	298·8	301·3	12th	288·8	286·1	6th	293·8	+0·5	*293·0*	215	..
1046	Sainte-Marie	17 0	49 51	15	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1055	Cocos Keeling Is.	12 5	96 53	4·6	1009·4	1010·0	− 0·6	302·3	303·8	22nd	297·9	295·2	4th	300·1	−0·5	*299·7*	280	+ 43
1056																		
1057	Christmas Island	10 25	105 43	5·5	1006·0	1006·6	− 1·4	304·8	306·3	..	297·7	295·8	..	301·3	+0·6	*300·8*	366	+112
1058																		
1061	Koepang	10 10	123 34	45·1	..	1008·7	− 0·1	302·9	305·4	30th	296·3	294·9	30th	299·6	..	299·0	372	+151
1061*a*	Derby	17 18	123 40	16·2	1006·7	1008·6	0·0	306·4	310·9	28th	298·4	292·2	30th	302·4	−0·7	..	385	+ 20
1062	Hall's Creek	18 13	127 46	374	967·3	1008·4	− 0·5	308·7	312·2	14th	294·3	286·3	29th	301·5	+0·2	..	57	− 98
1063	Port Darwin	12 28	130 51	29·6	1004·4	1007·7	+ 0·3	305·5	307·7	29th	297·7	294·2	25th	301·6	−0·3	*300·5*	153	− 98
1064	Daly Waters	16 16	133 23	211	982·4	1005·6	− 1·8	309·3	312·4	14th	295·7	291·3	30th	302·5	+0·7	*302·1*	103	− 59
1065	Mein	13 13	142 47	122	992·6	1006·2	− 0·7	305·1	307·2	4th, 31st	295·7	291·6	24th	300·4	+0·4	*299·8*	213	− 55
1066	Georgetown, Queensland	18 22	143 32	302	974·7	1008·2	− 0·5	306·8	309·6	3rd	294·7	290·7	21st	300·7	+0·8	..	75	+ 10
1067	Samarai	10 37	150 40	15·2	..	1006·8	− 1·2	302·9	..	..	297·7	..	..	300·3	−0·1	*299·9*	289	−120
1072	Suva, Fiji	18 8 S.	178 26 E.	16·8	1005·9	1007·9	− 2·1	302·8	305·3	22nd	296·4	294·6	2nd	299·6	−0·1	*299·2*	253	mm.
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	

* Mean of max. and min. or of observations at fixed hours. † Estimates not based on at least six equally-spaced observations each day are in *italics*.

Table representing the Meteorology of the Globe between Latitude 20° S. and 30° S. MARCH—ZONE 11.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: * Mean	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1105	Rarotonga (Avarua)	21 12	159 47	6	..	..	..	300·9	303·6	7th	295·4	293·6	4th	298·2	−0·5	*297·8*	973	+704
1106																		
1121	Punta Tortuga, Coquimbo	29 56	71 21	27	1012·0	1015·2	+ 0·6	291·7	294·0	26th	282·5	281·0	13th	287·1	−0·1	*289·0*	0	− 2
1122	Iquique	20 12	70 11	9	1013·4	1014·5	+ 0·9	297·3	299·4	9th	288·4	287·0	13th	292·9	0·0	*293·0*	0	0
1123	Catamarca	28 27	65 47	510	..	1007·6	− 2·4	305·4	315·0	2nd	290·1	286·3	7th	297·7	+0·1	*297·3*	16	− 37
1124	Salta	24 46	65 28	1178	883·5	1008·8	− 0·1	298·7	306·4	26th	285·9	279·2	7th	292·3	0·0	*292·8*	35	− 68
1125	Goya	29 9	59 15	26	..	1011·6	− 0·3	303·9	311·5	2nd	288·9	282·0	5th	296·4	−0·4	*296·3*	132	− 7
1126	Asuncion	25 21	57 37	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1127	Curityba	25 25	49 17	908	913·0	1015·2	0·0	297·2	302·9	4th	285·9	281·0	12th	291·5	−1·5	*290·4*	62	− 55
1128	Rio de Janeiro	22 54	W43 10	61·4	1005·4	1012·6	− 0·3	299·4	307·2	4th	294·6	292·4	29th, 30th	297·0	−1·2	296·9	469	+330
1139	Windhoek	22 34	E 17 6	1665	..	..	..	298·2	304·0	2nd	289·7	288·0	30th	293·9	−0·4	*293·9*	60	− 18
1140																		
1141	Kimberley	28 42	24 47	1202	882·2	..	+ 0·1	302·1	308·3	1st	287·7	283·7	24th	294·9	+0·3	293·9	84	+ 6
1142	Johannesburg	26 11	28 4	1806	822·7	..	− 1·3	295·4	300·9	1st	285·6	279·0	25th	290·5	+0·1	*290·0*	124	+ 17
1142*a*	Pretoria	25 45	28 12	1338	869·6	..	..	299·8	306·9	1st	280·8	280·8	27th	293·3	+0·5	..	121	− 8
1143	Durban	29 52	31 3	15·2	1014·2	1016·0	..	299·3	303·0	23rd	292·9	288·6	25th, 26th	296·1	−0·3	*295·7*	284	+148
1144	Lorenzo Marques	25 58	32 36	59·5	..	1014·8	− 0·1	301·9	308·7	2nd	293·3	288·6	27th	297·6	−0·2	297·2	90	+ 11
1147	Mauritius	20 6	57 33	55·2	1005·3	1011·7	− 0·3	302·4	303·9	1st	294·8	291·5	6th	298·6	0·0	298·3	179	− 59
1159	Onslow	21 43	114 57	4·3	1006·3	1006·9	− 1·3	308·6	313·6	28th	296·8	291·2	31st	302·7	+0·5	..	45	+ 22
1160	Peak Hill	25 38	118 47	588	944·0	1007·9	− 1·2	306·8	311·1	1st	295·3	290·4	6th	301·1	+0·3	..	96	+ 63
1161	Nullagine	21 53	120 5	386	965·5	1007·5	− 1·0	308·9	312·4	23rd	295·4	285·4	13th	302·2	+0·1	..	76	+ 16
1162	Laverton	28 40	122 23	466	960·4	1011·9	− 1·6	305·4	313·7	2nd	291·8	285·8	6th	298·6	+1·2	..	61	+ 30
1163	Alice Springs	23 38	133 37	587	945·4	1009·5	− 1·1	305·9	311·3	4th	290·7	285·2	19th	298·3	+0·5	*298·6*	58	+ 27
1164	William Creek	28 55	136 21	76·2	1004·0	1012·5	− 1·4	305·6	311·9	3rd	290·8	283·6	28th	298·2	+0·5	*298·1*	6	− 11
1164*a*	Boulia	22 55	139 38	146	991·6	1007·7	− 0·8	311·5	316·4	14th	294·3	288·1	28th	302·9	+2·0	..	3	− 43
1165	Thargomindah	27 58	143 43	123	996·2	1010·0	..	306·7	310·8	14th	293·2	288·6	26th	300·0	..	..	10	..
1166	Mitchell	26 32	147 52	336	..	..	..	306·1	313·1	5th	289·9	285·2	20th	298·0	+1·9	..	45	− 36
1167	Rockhampton	23 24	150 30	11·3	1009·0	1010·2	− 1·4	306·0	310·8	8th	295·3	291·3	31st	300·7	+1·9	*300·0*	83	− 49
1168	Brisbane	27 28	153 2	11·6	1012·0	1013·3	− 0·8	301·9	306·2	8th	292·6	290·3	23rd	297·3	+0·7	*296·7*	35	−115
1169	Quitchambo	21 52	166 3	38	1003·6	1008·0	..	304·1	307·0	14th	291·4	288·0	30th	297·7	..	..	155	− 19
1170	Norfolk Island	29 5 S.	167 53 E.	15·2	1011·4	1012·8	− 1·0	298·4	301·1	11th, 18th	293·7	291·3	14th, 17th	296·0	+1·0	*295·6*	119	+ 11

Between Latitude 30° S. and 40° S. MARCH—ZONE 12.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: * Mean	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1221	Juan Fernandez	33 37	78 50	10	..	..	..	292·7	295·4	19th	288·2	285·0	26th	290·5	−1·7	*290·4*	89	+ 46
1221*a*	Punta Tumbes	36 37	73 6	91	1004·7	1015·7	+ 0·3	289·6	292·0	20th	283·6	281·0	4th	286·6	−0·8	*286·7*	13	− 3
1222	Punta Angeles, Valparaiso	33 1	71 38	41	1010·4	1015·2	+ 0·2	293·8	301·2	14th	284·5	281·7	6th	289·1	−1·7	*288·4*	19	+ 9
1222*a*	Santiago	33 27	70 42	520	954·2	1014·0	+ 0·3	299·7	305·0	15th	282·5	280·2	26th	291·1	+0·3	*289·8*	16	+ 11
1223	Cordoba	31 25	64 12	423	963·4	1011·9	− 0·1	301·6	309·4	..	284·8	277·2	..	293·2	−0·5	292·8	45	− 43
1224	Bahia Blanca	38 45	62 15	25	..	1011·8	− 0·6	297·7	306·7	15th	285·8	279·0	4th	291·7	−1·1	291·3	59	− 7
1225	Buenos Ayres	34 46	58 22	25	..	1013·6	− 0·7	297·8	305·9	16th	285·2	278·9	5th	291·5	−1·9	292·0	51	− 61
1226	Montevideo (Prado)	34 53	56 12	24·9	1011·6	1013·4	− 1·4	..	306·8	..	..	278·6	..	..	−1·4	291·8	47	− 34
1226*a*	Rio Grande	32 2	W52 9	2	1012·7	1012·9	+ 0·4	297·6	302·7	2nd	290·2	285·0	5th	293·9	−1·7	*293·8*	71	− 10
1239	Cape Town	33 56	E 18 29	11·3	..	1014·8	0·0	297·7	305·4	29th	287·4	279·4	24th	292·5	−0·6	*290·8*	13	− 11
1240	Danger Point	34 37	19 18	19·5	..	..	..	294·1	300·8	30th	286·7	282·4	25th, 29th	290·4	..	..	20	..
1241	Heidelberg	34 5	20 58	30·5	..	..	..	..	..	..	299·7	308·0	30th	286·4	277·4	25th	293·1	..
1242	East London	33 2	27 53	9·8	1013·6	1014·7	− 0·3	296·6	301·3	17th	289·8	286·3	7th, 8th	293·2	0·0	..	115	+ 28
1259																		
1260	Perth (Observatory)	31 57	115 50	60·0	1007·3	1014·3	− 1·0	299·4	307·7	27th	288·5	283·0	31st	294·0	−0·7	..	8	− 11
1261	Katanning	33 42	117 35	310	979·2	1014·7	− 1·2	299·6	307·3	1st	285·5	278·9	31st	292·6	+0·5	..	33	+ 9
1262	Coolgardie	30 57	121 10	423	965·7	1013·1	− 1·6	303·9	311·1	2nd	288·9	283·6	27th	296·4	+1·3	..	14	− 5
1263	Eucla	31 45	128 58	4·6	1013·8	1014·4	− 1·9	298·6	314·7	24th	289·7	282·4	7th	294·1	+0·4	..	1	− 22
1264	Streaky Bay	32 48	134 13	13·1	1014·9	1016·4	− 0·5	302·2	312·4	25th	286·4	281·6	7th	294·3	+1·1	..	9	− 6
	Adelaide	34 56	138 35	42·7	1011·0	1016·0	− 1·0	300·3	311·2	25th	286·9	283·3	28th	293·6	−0·5	*293·1*	12	− 14
1265	Melbourne	37 49	144 58	35·1	1012·1	1016·2	− 0·8	295·9	305·9	21st	284·6	281·3	6th, 29th	290·2	−0·9	290·3	27	− 30
1266	Bourke	30 13	145 58	110	1001·5	1014·2	0·0	307·1	311·3	4th, 25th	291·3	286·9	3rd	299·2	+1·0	..	0	− 32
1267	Sydney	33 52	151 12	44·5	1009·5	1014·7	− 1·5	296·8	304·4	4th	289·9	285·7	30th	293·4	−0·3	..	62	− 68
1268	Lord Howe Island	31 32	159 4	4·6	1012·5	1013·1	..	298·8	300·3	3rd	291·7	288·6	14th	295·3	..	..	82	− 56
1271	Auckland	36 50	174 50	38·1	..	1016·6	..	295·9	298·6	3rd	289·8	285·8	23rd	292·9	+1·6	..	96	+ 19
1272	Napier	39 32 S.	176 53 E.	21·3	..	1017·6	+ 0·7	298·6	303·6	3rd	288·3	280·2	24th	293·4	+3·2	..	80	− 12

Between Latitude 40° S. and 50° S. MARCH—ZONE 13.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: * Mean	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1301	Chatham Island	43 52	170 42	104	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1321																		
1322	Isla Huafo	43 34	74 45	140	997·6	1014·5	− 2·2	286·7	289·7	30th	282·8	279·7	3rd	284·7	−0·2	*284·8*	56	− 6
1323	Punta Galera	40 1	73 44	40	1011·5	1016·3	+ 0·1	288·0	291·0	17th	282·0	280·0	10th, 11th	285·0	−0·8	*285·4*	133	+ 28
1324	Sarmiento	45 30	69 0	274	..	1008·3	..	293·3	303·4	8th	281·5	275·4	21st	287·4	−0·3	286·6	13	..
	Punta Madryn	42 49	W64 58	14	..	1009·1	..	296·7	306·0	15th	283·1	275·6	5th	289·9	−1·0	289·3	11	+ 2
1365	Launceston	41 27	E147 10	10·1	1013·9	1015·0	+ 0·5	295·4	298·3	19th	282·8	276·4	28th	289·1	0·0	..	13	− 32
1366	Hobart	42 53	147 20	53·9	1007·6	1014·0	+ 0·2	292·8	297·9	31st	284·1	279·2	6th	288·4	+0·2	*287·4*	10	− 33
1370																		
1371	Invercargill	46 25	168 21	5·5	..	..	..	293·6	300·8	6th, 12th	282·4	274·1	13th, 23rd	288·0	+2·1	..	135	+ 44
1371*a*	Dunedin	45 52	170 31	91·4	..	1014·2	− 0·1	291·7	301·9	5th	284·1	277·4	28th	287·9	+2·0	..	57	− 18
1372	Christchurch	43 32	172 38	7·6	..	1015·5	− 1·1	293·6	303·1	7th	285·7	277·1	26th	289·6	+1·9	..	39	− 17
	Wellington	41 16 S.	174 46 E.	2·4	..	1017·1	+ 0·7	295·5	299·9	15th	288·2	281·8	26th	291·9	+3·1	..	36	− 48
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Estimates not based on at least six equally-spaced observations each day are in *italics*.

MARCH—ZONE 14. Table representing the Meteorology of the Globe between Latitude 50° S. and 60° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
		S.	W.															
1421	Islota de los Evangelistas	52 24	75 6	55	995·9	1002·6	+ 0·1	283·6	284·9	26th	279·9	276·6	19th	281·7	+0·4	*281·8*	242	− 64
1422	Puerto de Punta Arenas	53 10	70 54	4	1000·6	1001·1	+ 0·8	285·9	290·7	14th	278·8	275·3	22nd	282·3	+0·1	*282·3*	115	− 5
1423	Punta Dungeness	52 24	68 26	5	999·4	1000·0	− 1·1	280·4	288·4	sev.	278·9	276·8	26th	282·7	0·0	*283·1*	18	+ 14
1424	Año Nuevo	54 39	64 9	50	991·9	998·0	..	282·3	285·8	10th	278·0	275·0	3rd	280·1	..	280·0	51	..
1424*a*	Stanley, Falkland Is.	51 41	57 51	4	..	..	..	..	..	..	..	..	..	..	..	..	84	+ 25
1425	Cape Pembroke	51 41	57 42	21	..	999·4	− 1·8	284·1	289·1	10th, 15th	277·1	274·1	26th, 27th	280·6	−0·8	280·8	..	..
1426	S. Georgia (Cumberland Bay)	54 14 S.	36 33 W.	4	995·3	995·8	− 1·0	279·4	286·2	15th	272·9	269·1	25th	276·1	−2·1	*275·7*	159	+ 21

MARCH—ZONE 15. Between Latitude 60° S. and 70° S.

1527	South Orkneys.	S. 60 44	W. 44 39	6·1	..	994·6	+ 4·3	..	277·5	..	..	262·0	..	..	−0·8	271·7	37	− 18
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Estimates not based on at least six equally-spaced observations each day are in *italics*.

DAILY OBSERVATIONS OF WIND WITHIN THE TROPICS.—MARCH 1916.

Date.	St. Helena. 1035. Direction.	St. Helena. 1035. *Mean Velocity for the Day.	Fanning Island. 805. Direction and Force.		Sierra Leone. 834. Direction and Force.		Entebbe. 844. Direction and Force.		Malden Island. 905. Direction and Force.	Tulagi. 969. Direction and Force.	Ocean Island. 970. Direction and Force.		Suva, Fiji. 1072. Direction and Force.	
	9h.	m/s	9h.	21h.	9h.	17h.	7h.	21h.	9h.	9h.	9h.	21h.	9h.	
1	SE	—	E 5	E 4	Calm 0	Calm 0	W 3	W 6	ESE 2	NW 2	W 2	W 1	Calm 0	
2	SE	9·1	E 4	SE 4	NE 1	W 2	W 3	N 2	ESE 2	S 2	NW 3	E 2	NW 1	
3	SE	7·0	SE 4	E 5	SE 1	SW 2	W 3	W 3	E 2	Calm 0	E 4	E 3	Calm 0	
4	SE	8·9	SE 5	SE 4	W 1	W 4	W 3	W 3	ESE 2	Calm 0	E 3	E 2	Calm 3	
5	SE	10·5	SE 5	E 4	SW 2	W 4	N 4	W 3	E 3	Calm 0	E 3	Calm 0	NE 2	
6	SE	9·5	E 6	E 4	NW 1	SW 3	W 3	SW 2	ENE 2	SE 2	E 4	Calm 0	NE 2	
7	SE	9·3	E 5	E 5	W 3	W 7	W 2	N 2	ENE 2	SE 4	ESE 4	E 4	NW 2	
8	SE	6·2	SE 5	E 6	SE 1	W 2	W 3	N 2	ENE 3	Calm 0	E 6	E 3	NW 2	
9	SE	5·1	E 6	E 5	W 4	W 2	W 2	W 3	NE 2	SE 2	E 6	E 3	Calm 0	
10	SE	7·9	E 5	E 4	E 2	W 2	Calm 0	W 3	NE 2	Calm 0	E 6	E 1	Calm 0	
11	SE	6·3	E 5	E 4	W 2	NE 2	W 3	N 3	ENE 3	Calm 0	SE 4	SE 2	Calm 2	
12	SE	4·7	SE 4	E 4	W 2	W 2	W 6	W 2	E 5	SE 4	ESE 4	E 2	NW 1	
13	SE	5·1	SE 4	SE 4	W 3	W 1	W 3	W 2	ENE 3	Calm 0	E 4	E 2	NE 0	
14	SE	5·5	SE 4	E 4	E 1	W 3	Calm 0	N 2	ESE 3	Calm 0	E 5	E 1	Calm 0	
15	SE	4·7	SE 4	E 4	Calm 0	Calm 0	SW 3	W 4	ENE 3	Calm 0	ESE 3	E 1	Calm 0	
16	SE	5·6	NE 5	NE 5	E 1	Calm 0	Calm 0	N 2	NE 2	NW 2	E 3	E 3	NW 2	
17	SE	7·1	SE 4	E 4	Calm 0	Calm 0	W 3	W 3	E 3	Calm 0	SE 4	E 2	NW 0	
18	SE	9·6	E 5	E 4	Calm 0	W 1	W 3	N 3	NE 2	Calm 0	E 5	E 2	Calm 3	
19	S	—	SE 4	E 5	W 1	W 2	W 3	N 2	E 3	Calm 0	E 5	E 2	SE 4	
20	SE	7·1	SE 4	E 5	NE 2	W 1	W 2	SW 2	E 2	Calm 0	SE 5	E 4	SE 2	
21	SE	—	E 5	E 4	W 1	W 3	Calm 0	W 3	E 2	Calm 0	E 5	E 2	SE 4	
22	SE	7·4	E 4	E 4	W 2	SW 2	Calm 0	W 3	ENE 3	NW 4	E 6	E 5	NE 2	
23	SE	—	E 5	E 4	NW 2	N 1	Calm 0	N 2	E 2	NW 4	E 6	E 5	NE 2	
24	SE	5·8	SE 4	E 4	E 1	W 1	W 3	SW 4	E 2	Calm 0	E 5	E 3	Calm 0	
25	SE	6·6	SE 4	E 4	W 3	W 1	N 2	N 2	ENE 2	Calm 0	E 4	E 1	SW 3	
26	SE	6·0	E 4	E 4	Calm 0	Calm 0	W 2	W 3	ENE 2	Calm 0	E 3	E 2	SE 3	
27	SSE	5·7	E 4	E 4	W 2	Calm 0	Calm 0	N 3	ENE 4	Calm 0	SE 3	Calm 0	SE 5	
28	SSE	5·2	SE 4	E 4	E 3	W 4	Calm 0	W 3	E 3	Calm 0	E 2	Calm 0	SE 5	
29	SSE	6·4	NE 4	E 4	Calm 0	W 4	W 3	N 3	E 2	Calm 0	ESE 4	SE 2	SE 5	
30	S	4·1	NE 4	NE 5	Calm 0	Calm 0	E 3	N 3	E 2	Calm 0	E 4	E 5	Calm 0	
31	SE	6·6	SE 4	E 6	NE 1	W 3	N 2	N 2	ESE 2	Calm 0	E 5	E 1	Calm 0	
Mean	..	6·8	4·5	4·4	1·4	1·9	2·2	2·7	2·5	0·8	4·1	2·2		1·9
†Resultant	140° (96)	..	100° (89)		270° (40)		280° (59)		80° (89)	180° (3)	95° (81)		120° (13)	
†Normal	142° (88)	6·4	85° (81)		277° (38)		260° (39)		76° (77)	320° (9)	84° (41)		79° (44)	

* Velocity of the South-East Trade Wind at 632 metres.
† Direction and "constancy." For explanation see Introduction.

STATE OF ICE IN THE ARCTIC SEAS AND IN THE NORTH ATLANTIC.—MARCH 1916.

**The White Sea* was filled with drift ice.

**Barents Sea.*—The ice edge, consisting of scattered ice and small floes, lay only 30 miles from the shore off Gooseland, on the SW coast of Novaya Zemlya, while in the eastern part of the sea it lay at about 47° E.

**Spitsbergen.*—The fiords were frozen up.

**Greenland Sea, Iceland and Denmark Strait.*—On the 15th and again on the 20th scattered ice was seen near Iceland, but navigation was free past Skagen and C. North. From the 23rd the sea was free along the northern coast and round Grimsey; a three-days' snowstorm from the NNW brought no ice to the coast. The duration was eight days, the normal being 9 days. At Angmagsalik the ice remained closely packed throughout the month.

North Atlantic and Labrador.—The southernmost iceberg was observed in 40° N., and the floes reached nearly to the same parallel.

**Davis Strait.*—"Storis" was sighted off Sagdlit on the 4th and spread slowly northward. S. of Arsuk it lay closely packed inshore. On the 23rd larger masses of ice were sighted from Frederikshaab, but disappeared on the 26th.

**Isforholdene i de arktiske Have, 1916*, published by the Danish Meteorological Institute.

RÉSEAU MONDIAL, APRIL 1916

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF APRIL 1916 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE.

Between Latitude 80° N. and 70° N. APRIL—ZONE 1.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
		N.	W.															
123	Inglefield Bay	77 20	67 30	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
124	Upernivik	72 47	W56 7	18·9	1018·3	1020·8	+ 5·6	262·2	281·3	30th	249·2	241·9	12th	255·7	−3·8	*254·8*	3	− 11
125																		
126																		
139	Spitsbergen (Green Harbour)	78 2	E 14 14	11·4	1015·4	1016·9	+ 4·4	..	271·0	17th	250·1	233·7	4th	..	−1·9	256·4	13	− 10
140																		
141	Gjesvaer	71 6	25 22	6·5	1012·0	1012·8	+ 1·6	..	280·5	24th	270·2	263·2	6th	..	−0·1	*272·2*	30	− 7
142	Mehavn	71 1	27 47	6·4	1013·0	1013·8	+ 4·1	..	279·7	25th	268·5	260·3	6th	..	0·0	*271·7*	14	− 32
143	Vardö	70 22	31 8	10·0	1014·0	1015·3	+ 3·4	..	278·0	24th	268·8	263·3	5th	..	−0·9	*270·6*	22	− 20
147	Malye Karmakouly	72 23	52 43	14·8	1011·4	1013·4	+ 0·4	..	272·8	14th	..	..	..	..	−8·2	*254·7*	..	..
148	Waigatz	70 24	58 47	11·2	1015·8	1017·3	+ 3·4	..	273·4	25th	255·5	242·3	14th	..	..	*259·6*	3	..

Between Latitude 70° N. and 60° N. APRIL—ZONE 2.

203	Nome	64 31	165 24	4·6	1007·9	1008·5	− 2·5	269·4	276·3	..	261·3	249·7	..	265·3	−0·1	..	38	+ 24
204	Candle	65 55	161 57	2·4	..	..	..	267·1	280·8	27th	256·0	243·0	14th	261·6	..	..	..	..
205	Tanana	65 8	152 0	73·8	1000·2	1009·5	− 2·3	278·6	288·6	..	268·3	259·7	..	273·4	+4·9	..	7	0
206	Rampart	65 30	150 15	122	..	..	..	284·3	295·8	28th	267·9	261·9	21st, 22nd	276·1	..	..	3	− 4
207	Valdéz	61 7	146 16	8·2	1007·6	1008·6	− 1·8	280·3	288·6	..	270·0	263·6	..	275·1	+1·0	..	60	− 22
208	Eagle	64 46	141 12	248	976·9	1007·2	− 1·9	281·6	291·9	..	268·8	260·8	..	275·2	+4·4	..	6	− 6
209	Dawson	64 4	139 20	328	968·1	1008·0	− 4·5	282·4	293·6	29th	268·6	259·7	2nd	275·5	+4·1	..	0	− 13
210	Carcross	60 11	134 34	662	..	..	..	279·9	288·0	29th	269·2	261·9	16th	274·5	+2·6	..	3	− 5
211	Fort Good Hope	66 15	128 53	65·2	1006·1	1014·5	..	275·3	283·6	8th	261·7	249·7	5th	268·5	..	..	17	..
212	Fort Simpson	61 52	121 35	129	995·6	1011·5	..	279·7	285·2	8th	267·4	259·1	2nd	273·6	+2·7	*274·5*	3	− 28
213	Hay River	60 51	115 20	161	993·2	1013·5	..	278·6	286·9	25th	266·9	250·8	6th	272·7	+3·0	..	1	..
214																		
225	Jacobshavn	69 13	51 2	12·6	1016·8	1018·4	+ 4·4	267·9	281·0	30th	254·5	245·7	11th	261·2	−2·0	*261·9*	35	+ 24
226	Godthaab	64 11	51 44	9·0	1012·3	1013·5	+ 4·5	..	..	..	266·0	259·6	13th	..	+0·2	*269·4*	15	− 14
227	Ivigtut	61 12	48 10	5·0	1013·5	1014·1	+ 5·9	277·2	282·6	21st	269·9	262·8	13th	273·5	+1·8	*274·2*	9	− 54
229	Angmagsalik	65 37	37 34	31·7	1009·8	1013·8	+ 4·3	274·7	281·3	30th	261·8	253·0	3rd	268·3	−1·4	*267·5*	14	− 52
231	Stykkisholm	65 5	22 46	11·3	1006·2	1007·6	− 2·4	274·3	280·5	28th	269·0	263·3	23rd	271·7	−2·1	*271·7*	24	− 14
232	Vestmanno	63 26	20 15	7·7	1001·9	1002·9	− 6·9	278·5	282·9	30th	271·7	266·2	9th	275·1	−1·3	*275·7*	110	+ 11
233	Grimsey	66 33	17 58	22·0	..	..	..	273·2	279·0	6th	269·0	264·5	9th	271·1	−0·8	*271·1*	2	− 11
233*a*	Akureyri	65 40	18 4	6·8	1007·0	1007·9	− 3·8	..	..	..	..	..	..	..	..	..	..	..
234	Berufjord	64 40	14 19	18·0	1002·6	1004·8	− 6·8	276·6	282·0	28th	271·0	266·3	9th	273·8	−0·3	*274·1*	47	− 36
235	Thorshavn	62 3	6 45	25·7	1000·8	1003·9	− 6·8	279·9	282·0	1, 24, 29	275·0	271·1	10th	277·5	−0·5	*277·6*	†37	+ 42
236	Lerwick	60 9	W 1 8	18·0	1005·0	1007·1	− 4·1	281·2	284·1	27th	276·3	273·0	10th, 22nd	278·8	+0·5	*278·3*	70	+ 18
237																		
238	Bergen (Met. Obs.)	60 24	E 5 19	44·4	1003·4	1008·9	− 4·7	..	291·1	27th	276·3	271·7	6th	..	+0·4	*279·0*	†57	+ 61
239	Christiansund	63 7	7 45	17·8	1005·9	1008·0	− 5·2	..	287·1	27th	276·4	271·1	6th	..	+1·6	*279·2*	95	+ 40
240	Trondhjem	63 26	10 25	39·5	1004·7	1009·6	− 3·9	..	287·9	24th	274·6	268·4	6th	..	+1·3	*277·8*	32	− 25
241	Bodö	67 17	14 24	22·4	1007·5	1010·3	− 2·0	..	285·8	25th	273·0	266·2	6th	..	+1·0	*275·9*	49	+ 2
242	Haparanda	65 50	24 9	9·2	1014·0	1015·2	+ 1·7	276·1	286·0	29th	268·5	254·5	7th	272·3	+1·0	*272·1*	21	− 2
242*a*	Helsingfors	60 10	24 57	12·0	1013·5	1015·0	+ 0·6	278·6	287·6	30th	273·4	266·3	7th	276·0	+1·3	*276·0*	30	− 5
	Kuopio	62 54	27 40	90·3	1004·2	1015·5	+ 1·2	278·8	289·0	26th	270·6	260·0	7th	274·7	+1·1	*275·2*	12	− 18
243	Kola	68 53	33 1	6·7	1015·9	1016·8	+ 4·8	273·1	283·1	24th	265·3	250·9	7th	269·2	−1·7	*269·7*	5	− 9
244	Petrozavodsk	61 47	34 23	38·9	1012·2	1017·1	+ 2·4	..	289·4	29th	..	..	..	..	+1·0	*274·9*	17	− 11
245	Arkhangelsk	64 35	40 36	5·8	1016·3	1017·0	+ 3·4	277·4	286·8	24th	268·0	257·0	8th	272·7	+0·8	*272·6*	14	− 5
246	Mezen	65 50	44 16	12·6	1015·5	1017·1	+ 2·9	274·5	284·2	24th	265·4	252·9	6th	270·0	−0·4	*270·0*	17	+ 6
247	Oust-Tsylma	65 25	52 14	? 70	1009·5	1018·5	+ 3·4	275·0	285·5	24th	264·7	248·5	6th	269·8	−0·4	*270·0*	11	..
248	Tcherdyn	60 24	56 31	?177	996·8	1018·8	+ 3·2	..	287·5	27th	270·2	262·6	8th	..	+1·1	*274·8*	36	+ 16
249	Berezov	63 56	65 4	39·9	1015·8	1021·0	+ 4·9	271·9	285·4	27th	261·2	250·0	7th	266·6	−0·7	*266·5*	13	− 3
250	Obdorsk	66 31	66 35	23·7	1017·1	1020·2	+ 4·3	266·7	277·4	27th	257·1	245·4	17th	261·9	−0·5	*262·1*	4	− 4
251	Sourgout	61 15	73 24	? 40	1016·2	1021·4	+ 3·6	..	282·3	2nd	258·9	244·9	7th	..	−2·5	*265·7*	13	0
252																		
253	Doudinka	69 23	86 4	20	1010·8	1013·4	− 1·2	..	273·2	28th	251·1	237·5	7th	..	..	*257·0*	6	..
254	Touroukhansk	65 47	87 57	45	1011·5	1017·4	+ 1·9	..	277·9	3rd	250·2	242·7	16th	..	+0·4	*263·2*	16	− 1
261	Olekminsk	60 22	120 26	155	995·9	1015·9	+ 0·4	..	282·1	15th	257·4	242·5	2nd	..	−2·1	*265·9*	7	− 1
262	Iakoutsk	62 1	129 43	108	1001·2	1015·4	+ 0·8	..	274·6	6th	254·6	242·0	1st	..	−0·9	*263·0*	2	− 7
263	Verkhoiansk	67 33	133 23	100	999·6	1013·0	− 1·4	..	273·0	30th	240·7	232·5	17th	..	0·0	*259·2*	0	− 4
264	Oust-Maiskoe	60 25	134 29	?100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
271																		
272	Markovo-sur-Anadyr	64 45	170 50	25·0	1012·8	1016·2	− 0·3	259·5	268·6	24th	248·2	234·5	1st	253·8	−2·9	..	4	+ 1
	Novo-Mariinskii Post	64 45	177 33	5·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N.	E.															
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Estimates not based on at least six equally-spaced observations each day are in *italics*.

Table representing the Meteorology of the Globe between Latitude 60° N. and 50° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
303	Dutch Harbor	53 54 N.	166 32 W.	4·0	..	..	..	276·6	281·3	..	270·7	267·4	..	273·7	−0·9	..	30	− 54
304																		
305	Kodiak	57 47	152 22	1·8	1004·5	1004·7	− 2·7	281·5	289·1	..	272·9	267·4	..	277·2	..	..	107	+ 14
306																		
309	Sitka	57 4	135 20	27·4	1007·9	1011·2	− 0·7	283·8	294·1	..	274·9	270·8	..	279·3	+1·2	..	111	− 49
310	Prince Rupert	54 18	130 18	51·8	1006·1	1012·5	− 0·9	282·4	290·2	26th	275·8	270·8	18th	279·1	−0·6	..	157	− 41
311	Barkerville	53 2	121 35	1274	868·5	..	..	279·7	288·0	30th	269·7	261·9	15th	274·7	+0·3	*274·9*	89	+ 36
312	Kamloops	50 42	120 29	385	973·6	1019·6	+ 2·1	289·1	296·3	30th	276·3	270·8	12th, 23rd	282·7	−0·1	*282·7*	14	+ 3
313	Calgary	51 2	114 2	1045	893·3	..	..	286·9	297·4	26th	271·3	267·4	7th, 22nd	279·1	+1·7	*279·3*	22	− 14
314	Fort Chipewyan	58 42	111 10	218	987·5	1014·5	..	279·7	288·6	26th	267·4	254·7	3rd	273·6	+2·5	*274·5*	2	
315	Prince Albert	53 10	106 0	442	961·4	1015·0	+ 0·8	283·0	296·9	27th	270·2	256·3	5th	276·6	+1·3	*277·1*	31	+ 10
316	Qu'Appelle	50 30	103 47	645	937·9	1015·3	+ 0·7	280·2	293·0	27th	269·7	255·2	5th	274·9	−1·0	274·7	32	+ 4
317	Minnedosa	50 15	99 50	515	953·9	1016·2	− 0·2	281·3	291·3	15th, 27th	269·1	256·9	5th	275·2	−0·9	*276·1*	21	− 5
318	Berens River	52 18	97 23	216	..	..	..	278·8	289·7	16th	266·5	249·7	2nd	272·7	+0·9	*272·6*	0	− 20
318a	Port Nelson	57 4	92 36	14·9	1013·0	1014·9	..	271·9	284·1	15th	261·3	239·7	2nd	266·6	..	..	27	..
319	Fort Hope	51 33	87 49	335	..	..	..	..	..	..	..	..	..	..	..	..	..	..
320	Moose Factory	51 14	80 30	9·1	1010·9	1012·1	− 5·5	279·1	293·0	30th	266·9	245·8	3rd	273·0	+2·4	..	5	− 17
321	Fort George	53 50	79 5	?	..	..	..	274·9	290·8	29th	265·4	246·3	7th	270·2	..	..	2	..
322	Mistassini Post	50 15	73 55	383	..	..	..	280·0	290·2	25th	266·8	249·7	8th	273·4	..	..	46	..
323	Hebron	58 12	62 21	15·0	1013·4	1015·3	+ 2·3	..	..	..	264·6	253·1	..	..	..	*267·8*	..	..
324	Natashquan	50 8	61 48	?	..	..	..	277·7	285·8	22nd	268·4	257·4	9th	273·1	..	..	30	..
325																		
326	Belle Isle	51 23	55 23	133	..	..	..	..	..	..	..	..	..	..	..	..	..	..
334	Cahirciveen (Valencia Obs.)	51 56	10 15	13·7	1013·0	1014·7	+ 1·6	284·0	291·3	30th	279·1	272·4	6th	281·6	−0·3	281·7	124	+ 31
335	Aberdeen	57 10	2 0	26·8	1005·2	1008·5	− 4·0	282·8	289·1	1st	276·5	273·6	2nd	279·7	+0·2	279·4	67	+ 19
336	Greenwich	51 28	W 0 0	48·5	1006·9	1012·9	− 0·5	287·4	295·2	27th	276·9	272·4	8th	282·2	+0·3	281·8	32	− 5
337	Uccle	50 48	E 4 22	100	999·6	1011·8	− 2·3	287·0	297·8	27th	277·6	271·7	9th	282·3	+0·6	282·2	108	+ 55
338	De Bilt	52 6	5 11	3·0	1011·3	1011·7	− 2·5	286·6	296·9	28th	277·1	270·3	9th	281·9	+0·8	281·8	80	+ 20
338a	Hamburg	53 33	9 58	40	1006·7	1011·6	− 1·5	286·2	294·1	4th	278·1	274·5	17th	282·1	+1·3	*281·8*	51	+ 5
339	Copenhagen	55 41	12 36	5·0	1011·4	1012·0	− 1·7	283·0	290·7	29th	276·8	273·3	7th	279·9	+1·1	*279·7*	32	− 3
340	Potsdam	52 23	13 4	84·9	1001·9	1012·3	− 1·8	288·2	297·2	4th	276·9	272·6	16th	282·5	+1·2	282·0	32	+ 1
340a	Upsala	59 51	17 38	24·0	1009·9	1012·8	− 1·0	282·5	293·9	28th	273·3	264·8	7th	277·9	+2·1	277·9	43	+ 15
341	Warsaw	52 13	21 1	133	997·0	1013·1	− 1·2	286·0	294·5	5th	278·3	273·0	8th	282·2	+1·4	282·0	60	+ 22
342	Jurjev	58 23	26 43	74·5	1005·9	1015·1	+ 1·2	283·8	292·8	29th	274·5	265·5	8th	279·2	+2·2	278·6	13	− 14
343	Petrograd	59 56	30 16	4·8	1015·9	1016·5	+ 2·2	280·9	290·3	26th	273·3	265·2	7th	277·1	+2·0	*277·0*	9	− 17
344	Kiev	50 27	30 30	183	991·9	1014·2	− 0·4	286·4	292·5	22nd	278·2	270·3	9th	282·3	+1·8	*281·7*	62	+ 19
344a	Moscow	55 50	37 33	167	997·1	1017·7	+ 1·2	283·4	293·5	29th	273·3	265·2	8th, 9th	278·4	+1·9	*278·2*	32	− 5
345	Saratov	51 32	46 3	59·9	1010·2	1017·7	+ 0·5	..	295·0	28th	275·6	260·5	2nd	..	+1·8	*280·2*	40	+ 20
346	Kazan	55 47	49 8	79·9	1009·8	1019·8	+ 2·9	281·9	293·5	30th	272·4	264·7	8th	277·2	+0·8	*276·8*	51	+ 20
347	Orenburg	51 45	55 6	109	1006·3	1019·9	+ 1·8	285·0	296·9	21st	273·9	266·0	6th	279·4	+3·1	*279·5*	10	− 13
348	Perm	58 1	56 16	163	999·4	1019·6	+ 3·3	281·0	290·0	27th	271·8	263·1	5th	276·4	+1·4	*276·0*	30	+ 2
349	Ekaterinburg	56 49	60 38	281	985·4	1020·0	+ 2·1	281·6	290·2	27th	270·9	265·8	5th	276·2	+1·8	*276·1*	5	− 10
350	Tobolsk	58 12	68 14	108	1008·3	1022·0	+ 2·7	278·2	283·7	28th	269·0	262·4	7th	273·6	0·0	*273·1*	2	− 13
351	Akmolinsk	51 12	71 23	?347	977·5	1020·0	− 2·3	..	290·7	19th, 29th	270·8	260·4	1st	..	+2·3	*276·2*	22	+ 8
352	Omsk	54 58	73 23	87·9	1010·4	1021·6	+ 1·0	277·0	284·3	28th	..	..	..	..	−0·1	*272·7*	24	+ 11
353	Barnaoul	53 20	83 48	162	1001·8	1022·2	+ 0·3	278·6	285·8	3rd	268·1	259·8	18th	273·4	−0·6	*273·2*	15	0
354	Tomsk	56 30	84 58	122	1005·6	1021·2	+ 1·0	..	281·4	29th	265·0	256·5	21st	..	−1·2	*270·4*	20	− 4
355	Minousinsk	53 43	91 41	249	990·3	1021·5	+ 0·2	..	287·2	14th	..	..	..	..	..	*272·6*	10	− 0
356	Eniseisk	58 27	92 10	77·6	1009·5	1019·5	+ 0·9	..	281·9	28th	261·7	247·8	1st	..	−2·1	*269·2*	5	+ 13
357	Irkutsk	52 16	104 19	497	962·4	1020·2	+ 0·6	..	287·5	14th	264·7	257·0	22nd	..	−3·0	*271·1*	2	− 13
358	Kirensk	57 47	108 7	263	984·7	1017·8	+ 0·9	..	285·9	30th	269·6	246·2	2nd	..	−2·0	*269·2*	4	+ 8
359	Tchita	52 2	113 30	687	931·5	1015·1	+ 0·4	..	281·4	30th	262·5	251·8	1st, 3rd	..	−3·9	*269·3*	34	+ 24
360	Blagoveshchensk Priisk	58 10	114 19	490	956·0	1018·0	+ 0·1	..	280·7	3cth	256·0	241·7	1st	..	..	*264·3*	4	− 3
360a	Nertchinskii Zavod	51 19	119 37	626	937·5	1014·2	+ 0·4	..	281·2	28th	262·3	247·3	1st	..	−3·9	*268·6*	11	
361	Tygan Ourkan	54 5	124 46	379	964·4	1011·3	..	277·1	285·5	15th	262·8	253·1	5th	269·9	..	*270·6*	19	..
362	Blagoveshchensk (Bureau Météor.)	50 16	127 30	142	992·3	1010·1	− 0·9	277·3	283·5	15th	268·9	261·0	1st	273·1	−1·8	*273·0*	57	+ 34
363	Paikanskin Sklad	50 11	130 7	145	990·8	1009·1	..	276·8	284·0	15th	264·7	250·5	1st	270·7	..	*271·0*	35	..
364																		
365	Nikolaevsk-sur-Amour	53 8	140 45	21·2	1005·8	1008·4	− 2·3	..	278·3	28th	263·8	251·3	7th	..	−1·0	*269·0*	25	− 4
366	Okhotsk	59 21	143 12	6·0	1010·2	1011·0	− 2·8	271·9	276·6	16th	260·4	255·8	2nd, 7th	266·1	0·0	*266·6*	0	− 3
367																		
368	Petropavlovsk (Radio)	53 0 N.	158 39 E.	13·5	1003·4	1005·1	− 2·6	276·9	280·9	20th, 25th	268·5	257·6	10th	272·8	..	*272·4*	164	..
369																		
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Estimates not based on at least six equally-spaced observations each day are in *italics*.

Table representing the Meteorology of the Globe between Latitude 50° N. and 40° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
411	Victoria, B.C.	48 24 N.	123 19 W.	70·1	1010·5	1019·1	+ 1·8	285·2	290·2	2nd	278·0	275·8	22nd	281·6	+0·2	281·3	28	− 16
412	Portland, Oregon	45 32	122 41	46·6	1015·0	1020·3	+ 2·6	289·7	295·8	7th	279·7	275·2	12th	284·7	+0·9	*284·6*	72	− 6
413	Macleod	49 44	113 24	954	..	..	..	286·7	300·8	27th	272·0	267·4	7th	279·3	+0·2	..	13	− 1
414	Helena	46 34	112 4	1253	873·7	1016·6	+ 2·0	285·8	297·4	27th	273·8	269·1	30th	279·8	+0·1	*279·5*	42	+ 14
414a	Salt Lake City	40 46	111 54	1329	866·4	1013·9	+ 1·0	289·3	300·2	27th	278·4	272·4	19th	283·9	+1·4	*284·5*	22	− 29
415	Cheyenne	41 8	104 48	1856	811·5	1015·2	+ 1·9	283·9	295·8	28th	271·2	261·9	8th	277·6	−0·7	*277·6*	12	− 32
416	North Platte	41 8	100 45	859	916·9	1016·6	+ 2·9	288·9	303·6	11th	274·6	265·8	8th	281·8	−0·6	*281·8*	18	− 36
416a	Bismarck	46 47	100 38	511	956·5	1017·9	+ 2·4	284·0	295·8	14th	271·9	264·1	6th	278·0	−1·1	*277·8*	17	− 25
417	Winnipeg	49 53	97 7	232	987·5	1016·3	− 0·7	281·3	291·9	28th	270·2	256·9	5th	275·8	−0·4	?274·3	8	− 30
418	Duluth	46 47	92 6	345	973·2	1015·2	− 1·0	280·9	291·9	28th	271·7	259·7	6th	276·3	−0·1	*276·0*	83	+ 38
419	Port Arthur	48 27	89 12	196	990·5	1014·7	− 2·2	280·8	290·8	28th	271·3	263·0	6th	276·1	+1·7	*276·1*	80	+ 41
420	Chicago	41 53	87 37	251	984·6	1014·9	− 1·0	285·8	298·0	12th	278·0	269·7	6th	281·9	+0·9	*281·5*	41	− 29
421	Toronto	43 40	79 24	116	999·6	1013·9	− 1·8	284·1	293·6	30th	275·8	269·1	7th	279·9	+1·7	279·6	82	+ 21
422	New York (Central Park)	40 46	73 58	30·2	1009·8	1013·5	− 2·2	285·7	294·1	29th	278·5	273·0	9th	282·1	−0·7	281·8	83	− 3
423	St. John, N.B.	45 17	66 4	36·2	..	1012·2	− 1·0	282·4	288·0	20th	273·6	268·6	4th	278·0	+1·1	277·4	63	− 26
424	S.W. Point, Anticosti	49 24	63 33	9·1	1013·2	1014·3	+ 2·0	276·3	283·0	22nd	271·3	262·4	3rd	273·8	+1·2	..	57	+ 23
424a	Sable Island (Main Station)	43 57	60 6	7·6	1010·1	1011·0	− 3·2	277·4	280·2	12th	273·0	264·1	15th	275·2	−0·9	..	90	− 3
425	Port aux Basques	47 35	59 10	9·1	1011·0	1012·1	− 1·4	277·4	285·2	22nd	272·4	266·3	9th	274·9	+1·3	..	75	− 19
426	St. John's, Newfoundland	47 34	52 42	38·1	1006·1	1010·8	− 0·5	279·1	284·1	12th	273·0	267·4	4th	276·1	+1·2	..	113	+ 8
435	Madrid																	
436	Nantes	40 24 N. 47 15	3 41 W. 1 34	655 30·5	938·7 1010·2	1014·7 1014·6	− 0·4 0·0	293·4 287·8	303·8 297·1	27th 28th	277·1 278·3	270·8 273·0	7th 7th	285·3 283·1	+0·1 −0·8	285·2 282·9	35 64	− 8 + 17
437																		
438	Paris (Parc St. Maur)	48 49	E 2 29	50·3	1007·1	1013·2	− 1·5	288·7	299·1	27th	277·5	272·3	16th	283·1	0·0	282·9	47	+ 3
438a	Zürich	43 18	5 23	74·8	1002·6	1011·6	− 1·1	291·4	296·9	1st	281·0	276·4	17th	286·2	+0·1	285·7	53	+ 6
439	Rome	47 23	8 33	493	954·9	1013·4	− 1·1	288·2	296·2	8th	277·0	271·7	17th	282·6	−0·2	281·6	80	− 11
440	Vienna	41 54	12 28	50·6	1004·7	1010·3	− 2·6	292·4	296·3	21st	282·6	276·7	17th	287·5	+0·8	*287·3*	94	+ 26
440a	Buda-Pesth	48 15	16 22	203	987·1	1011·9	− 1·7	286·9	294·3	5th	278·5	274·4	12th	282·7	+0·2	282·6	127	+ 77
441	Monastir	47 31	19 1	130	996·0	1011·6	− 1·8	289·9	295·5	7th	279·6	273·3	12th	284·8	+0·8	*284·2*	97	+ 39
442	Bucharest	41 1	21 23	617	..	..	..	..	..	..	..	..	..	..	..	..	..	..
443	Odessa (University)	44 25	26 6	82	1002·3	1012·2	− 2·1	290·4	299·8	24th	278·4	273·2	12th	284·4	−0·1	284·2	50	+ 3
444	Kharkov (University)	46 29	30 44	65·3	1006·0	1014·1	− 0·8	286·9	294·3	24th	279·4	272·2	9th	283·2	+1·3	*282·6*	15	− 10
444a	Novorossiisk	50 0	36 14	140	998·4	1015·5	− 0·9	285·9	294·2	30th	277·2	267·7	9th	281·6	+1·1	*281·1*	72	+ 37
445	Tiflis	44 44	37 49	37·1	1009·1	1013·5	− 1·4	289·8	296·9	28th	280·8	271·5	10th	285·3	+1·6	*285·0*	39	− 10
446	Astrakhan	41 43	44 48	404	967·0	1014·4	− 1·8	292·4	300·2	18th	281·5	277·3	4th	287·0	+1·6	*286·3*	38	− 17
447	Fort Alexandrovsk	46 21	48 2	−13·8	1018·6	1010·9	+ 0·6	289·7	295·6	30th	279·0	271·0	4th	284·4	+2·0	*284·0*	1	− 11
448	Krasnovodsk	40 0	52 59	−14·6	1015·5	1013·7	− 1·9	292·7	301·3	30th	283·9	278·4	4th	288·3	+1·1	*287·7*	31	+ 7
449	Aralskoe More	46 47	61 42	57·0	1010·4	1017·4	− 2·1	289·1	297·6	20th	277·6	271·3	6th	283·4	+3·6	*282·9*	16	..
450	Tachkent	41 20	69 18	479	957·8	1013·1	− 3·1	296·5	305·5	12th	283·5	277·6	2nd	290·0	+2·4	*289·4*	26	− 30
451	Narynskoe	41 26	76 0	?2015	793·1	..	..	..	..	..	276·4	272·8	2nd	..	+3·2	*282·4*	42	..
452	Vernyi	43 16	76 53	?825	919·5	1014·1	− 1·9	291·1	302·1	14th	280·2	273·4	28th	285·6	..	*285·2*	123	..
461	Mukden	41 48	123 23	43·8	1009·9	1015·3	+ 0·8	286·1	295·5	27th	273·9	265·0	3rd	280·0	−1·3	279·9	38	+ 12
462	Joshin	40 40	129 11	4·0	1014·7	1015·2	+ 1·4	284·2	293·3	29th	275·3	267·6	4th	279·7	−0·3	279·5	30	+ 4
463	Yuki	42 20	130 24	65·6	1007·0	1015·2	..	281·9	291·4	30th	273·5	266·8	2nd	277·7	..	277·6	33	..
464	Vladivostok	43 7	131 55	28·8	1011·6	1015·1	+ 0·7	281·5	289·0	30th	273·5	268·2	4th	277·5	−0·6	276·9	37	+ 6
465	Ochiai	47 20	142 44	6·6	1008·9	1009·7	− 1·8	278·6	285·5	29th	268·0	255·9	4th	273·3	+0·4	273·9	16	− 34
466	Nemuro	43 20	145 35	26·7	1010·6	1013·9	0·0	279·8	286·7	30th	272·5	269·5	8th	276·1	−0·1	275·7	77	+ 5
466a	Syana	45 14 N.	142 53 E.	39·3	1007·2	1012·1	− 1·2	277·9	285·7	25th	271·0	264·8	6th	274·5	0·0	274·3	51	− 14

Between Latitude 40° N. and 30° N.

APRIL—ZONE 5 (Western Half).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
511	San Francisco	37 48 N.	122 26 W.	47·2	1012·7	1018·6	+ 1·0	291·4	301·3	30th	283·0	280·8	9th	287·2	+1·4	*286·5*	0	− 37
512	San Luis Obispo	35 18	120 39	61·3	1010·8	1018·3	+ 0·8	295·2	303·0	20th	280·7	275·8	13th	288·0	+1·2	*286·9*	5	− 31
513	San Diego	32 43	117 10	26·5	1012·1	1015·2	− 0·6	292·3	299·1	7th	285·1	281·9	7th	288·7	+0·6	*288·2*	0	− 17
514	Modena	37 48	113 54	1670	832·3	1012·8	+ 0·5	290·7	298·6	27th	273·2	266·9	30th	282·0	+1·3	*282·1*	6	− 17
515	Santa Fé	35 41	105 57	2138	785·7	1012·5	+ 1·7	287·6	295·2	28th	274·7	266·9	8th	281·1	−0·8	*280·9*	64	+ 40
516	Denver	39 45	105 0	1613	830·2	1014·9	+ 2·6	287·5	299·7	28th	274·6	265·8	8th	281·0	−0·4	*281·3*	49	− 4
517	Abilene	32 23	99 40	530	952·8	1013·9	+ 0·9	295·9	306·3	23rd	282·9	273·6	9th	289·4	−1·7	*289·3*	130	+ 64
518	Saint Louis	38 38	90 12	173	994·6	1015·2	− 0·1	290·2	302·4	12th	280·7	271·9	6th	285·4	−0·9	*285·5*	45	− 45
519	Mobile	30 41	88 2	17·4	1014·5	1010·6	− 0·2	293·9	301·9	24th	280·5	277·4	9th	291·2	−0·7	*291·1*	169	+ 46
520	Nashville	36 10	86 47	166	996·7	1010·6	+ 0·2	292·2	301·9	13th	281·8	273·0	9th	287·0	−1·2	*286·9*	63	− 48
521	Charleston	32 47	79 56	14·6	1014·3	1015·9	− 1·4	293·5	304·7	14th	280·1	276·3	10th	290·8	+0·2	*290·9*	60	− 14
522	Washington	38 54	77 3	34·1	1010·3	1014·5	− 1·8	290·6	302·4	21st	279·2	273·0	9th	284·9	+0·1	*284·8*	75	− 0
524	Bermuda	32 18	64 46	46·0	1009·7	1015·2	− 2·0	293·8	295·9	26th	287·8	283·3	16th	290·8	−0·5	*290·6*	82	− 16
530	Santa Cruz (Flores)	39 27	31 9	28	1019·2	1022·3	+ 1·4	291·6	296·3	22nd	286·8	285·2	11th	289·2	+1·1	*289·1*	155	+ 46
531	Horta	38 32	28 38	63	1015·0	1022·2	+ 1·9	290·7	294·0	21st	286·8	284·4	10th	288·7	−0·7	*288·0*	42	− 25
532	Ponta Delgada	37 44	25 40	22	1020·2	1022·0	+ 1·6	290·6	292·8	25th	286·9	283·9	6th, 7th	288·8	+0·5	288·6	..	..
532a	Faja da Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	133	+ 41
533	Madeira (Funchal)	32 37	16 54	25	1017·5	1020·5	+ 1·8	290·7	294·3	17th	286·2	284·8	9th, 13th	288·5	−1·1	*288·6*	10	− 38
534	Lisbon	38 43	9 9	95	1004·9	1016·4	+ 0·5	291·3	297·1	26th	283·7	281·7	23rd	287·5	−0·3	*286·9*	20	− 54
535																		
536	Gibraltar	36 6	5 21	16·2	1013·6	1015·5	0·0	291·7	295·5	19th	284·6	281·3	8th	288·1	−0·9	*287·9*	50	− 18
536a	Melilla	35 18 N.	2 59 W.	8	1018·2	1019·2	+ 1·1	293·0	298·0	14th	283·6	280·4	2nd	288·3	−1·0	*289·5*	90	+ 33
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Estimates not based on at least six equally-spaced observations each day are in *italics*.

(2072)

APRIL—ZONE 5 (Eastern Half). Table representing the Meteorology of the Globe between Latitude 40° N. and 30° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′	° ′															
		N.	E.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
537	Palma	39 34	2 38	23	1009·9	1012·6	— 1·4	291·9	295·8	28th	283·5	281·0	1st	287·7	−0·4	..	52	+ 15
538	Algiers (Bouzaréah)	36 48	3 2	344	972·8	1013·4	— 1·6	289·9	300·8	28th	283·0	278·7	1st	286·5	−0·2	286·1	64	+ 11
539	Tunis	36 48	10 10	33	..	..	..	293·3	299·0	19th, 20th	283·0	278·0	17th	288·1	−0·5	*288·0*	53	+ 15
539a	Malta	35 53	14 30	58·8	..	1011·8	— 2·4	292·5	298·0	21st	286·2	281·9	17th	289·4	+1·0	*288·6*	35	+ 14
540	Riposto	37 41	15 14	14·2	..	1012·6	— 1·0	291·0	293·8	22nd	284·9	282·5	17th	287·9	−1·1	*287·1*	97	— 4
541	Athens	37 58	23 43	107	998·7	1011·5	— 1·6	292·1	297·1	22nd	284·2	281·1	11th	288·1	+0·1	287·9	18	— 2
542	Alexandria	31 12	29 53	32·0	1008·7	1012·4	— 1·7	297·6	312·4	26th	288·3	285·1	17th	293·0	+0·6	*291·2*	2	— 2
543	Cairo (Helwan)	29 52	31 20	116	997·5	1011·0	— 2·0	302·2	314·0	26th	287·5	283·4	19th	294·8	+0·8	294·6	0	— 6
544	Nicosia (P.W.D.)	35 9	33 22	159	991·5	1010·0	— 2·0	295·8	301·9	25th	283·3	280·2	3rd, 5th	289·6	+0·5	..	113	+ 91
544a	Beirut	33 54	35 28	33·7	..	1010·3	— 1·3	295·0	300·7	27th	287·5	284·2	3rd	291·3	0·0	..	175	+ 124
545	Baghdad	33 21	44 28	38·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
546	Busrah	30 31	47 53	7·6	1011·0	1012·1	— 1·4	301·6	309·7	29th	290·1	285·6	6th	295·8	−0·8	..	38	+ 25
546a	Lenkoran	38 46	48 51	— 19·3	1017·2	1014·9	— 1·0	..	294·2	19th	282·6	276·9	3rd	..	+0·8	*285·8*	89	+ 36
547	Teheran	35 41	51 25	1220	..	..	..	292·6	298·7	21st	281·7	278·5	16th	287·1	−1·3	*287·4*	65	— 7
548	Meshed	36 16	59 35	946	..	..	..	293·1	302·1	21st	281·0	274·7	1st	287·0	−0·2	..	37	— 1
549	Seistan	31 0	61 30	?	..	..	..	300·5	305·7	21st	288·1	283·6	1st, 6th	294·3	..	..	4	..
550	Quetta	30 11	67 3	1677	831·7	..	— 1·3	295·6	299·8	21st	281·2	276·3	30th	288·4	−0·1	*288·7*	51	+ 24
551	Peshawar	34 2	71 37	339	970·9	1009·2	— 1·0	304·2	309·2	5th	290·0	287·4	30th	297·1	+1·4	*296·9*	53	+ 9
551a	Lahore	31 34	74 20	214	982·8	1007·0	— 0·5	309·0	312·9	14th	293·6	288·9	20th	301·3	+1·3	*301·1*	4	— 8
552	Simla	31 7	77 8	2205	781·3	..	+ 0·5	292·2	295·9	15th	284·9	279·9	20th	288·6	+0·9	*288·9*	37	— 6
552a	Leh	34 10	77 42	3503	667·1	..	+ 0·9	288·6	293·8	15th	273·4	270·9	4th	281·0	+1·9	*280·4*	0	..
559	Hang Kow	30 35	114 17	37·0	1010·9	1015·3	— 0·2	294·6	306·2	18th	285·4	278·7	1st	290·0	+0·2	*289·6*	237	+ 97
560	Tientsin	39 10	117 10	5·0	1015·1	1015·7	+ 0·4	290·2	299·9	16th	278·9	271·2	5th	284·5	−2·1	*283·9*	40	— 83
561	Shanghai (Zi-Ka-Wei)	31 12	121 26	7	..	1015·2	— 0·5	293·0	303·2	19th	283·1	273·4	4th	288·0	+0·6	287·0	13	+ 77
562	Jinsen (Chemulpo)	37 29	126 37	67·6	1007·9	1016·2	+ 1·1	287·5	295·3	27th	279·1	271·7	2nd	283·3	−0·5	282·8	155	— 29
562a	Nagasaki	32 44	129 52	133	1000·3	1016·2	+ 1·8	291·7	297·5	23rd	284·1	275·9	5th, 6th	287·9	+0·1	287·4	188	— 35
563	Kioto	35 1	135 44	42·9	1012·2	1017·4	+ 2·1	291·3	300·0	24th	279·4	270·2	7th	285·4	+0·3	285·5	131	— 14
564	Tokio	35 41	139 45	21·3	1014·3	1016·8	+ 1·9	290·6	299·4	25th	281·6	273·6	7th	286·1	+0·3	285·7	114	— 33
565	Kanayama	37 53	140 46	24·6	1014·0	1017·0	+ 1·6	287·2	297·3	30th	276·7	267·9	6th	281·9	−0·6	281·9	41	— 25
566	Miyako	39 38	141 59	30·4	1012·6	1016·3	+ 1·3	286·5	296·6	13th	275·3	266·8	6th	280·9	−0·7	280·5	74	

APRIL—ZONE 6. Between Latitude 30° N. and 20° N.

		N.	W.															
605	Honolulu	21 19	157 52	11·6	1017·1	1018·4	+ 0·3	298·9	300·2	..	294·0	290·2	..	296·4	+0·7	*296·9*	47	— 2
606																		
615	Zacatecas	22 47	102 35	2610														
616	Leon	21 7	101 41	1800	..	..	..	..	..	..	..	..	..	..	..	..	..	..
617	Tulancingo	20 5	98 22	2180	..	..	..	..	..	..	..	..	..	..	..	..	32	— 5
618	Galveston	29 18	94 50	16·5	1014·4	1016·6	+ 1·3	295·1	299·1	26th	280·9	279·7	9th	292·5	−1·2	*292·2*	35	— 40
618a	New Orleans	29 58	90 4	16·2	..	1016·6	+ 0·5	297·1	301·9	23rd	288·7	280·2	9th	292·9	−0·4	*292·5*	65	— 61
619	Havana	23 8	82 21	24·3	..	1016·1	+ 0·1	299·7	304·2	8th	293·3	290·8	10th	296·5	−0·7	*296·3*	80	+ 24
620	Key West	24 33	81 48	6·7	1015·3	1015·9	— 0·6	299·3	301·9	7th	293·2	287·4	10th	296·3	−1·2	*296·0*	6	— 61
621	Nassau, Bahamas	25 5	77 21	3·7	..	..	..	..	..	..	293·6	290·8	10th	..	−0·9	*295·6*	6	..
622	Watling Island	24 6	74 26	33·5	1012·2	1016·1	— 0·5	..	301·4	9th, 29th	..	291·4	11th	..	..	*296·7*	..	..
633	Izaña	28 19	16 30	2367	766·3	..	..	282·1	290·0	25th	274·4	268·8	7, 11, 18,	278·3	..	278·2	26	— 30
634	La Laguna	28 28	16 20	547	953·9	1017·6	— 1·1	289·9	294·2	15th	283·0	279·7	14th	286·5	−1·0	*286·0*	33	..
636	Colomb-Béchar	31 38	W 2 13	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
637	Timimoun	29 9	E 0 10	?	..	..	..	304·3	312·2	29th	285·9	281·2	25th	295·1	..	*294·5*	0	..
641	Siwa	29 12	25 29	— 23	..	..	..	..	..	..	..	..	..	..	..	..	..	..
642																		
643	Aswan	24 2	32 53	99·6	997·0	1008·3	— 2·8	310·0	316·2	28th	292·5	288·2	20th	301·2	+1·6	*300·5*	..	..
644	Tor	28 13	33 37	1·9	1009·1	1009·3	— 1·7	301·6	308·1	29th	289·5	285·9	12th	295·6	+0·6	*294·9*	..	..
647	Bushire	28 59	50 53	4·3	1010·4	1011·0	— 0·6	298·4	305·1	20th	291·6	288·0	13th	295·0	−1·4	*294·5*	52	+ 40
648	Jask	25 44	57 47	4·0	1010·0	1010·5	+ 0·1	301·8	304·9	21st, 30th	294·2	290·9	13th	298·0	−1·6	*297·5*	59	+ 57
649	Robat	29 45	60 55	?	908·7	..	..	302·6	308·7	21st	..	..	..	291·8	..	..	24	— 4
649a	Karachi	24 53	66 57	4·0	1009·1	1009·6	+ 0·4	302·4	310·6	30th	296·9	295·2	27th	299·7	+0·2	*299·0*	0	— 4
650	Hyderabad, Sind	25 24	68 18	29·3	1004·5	1007·7	— 0·3	311·2	314·6	18th	295·7	293·0	24th	303·4	−0·2	*302·7*	0	— 3
650a	Jacobabad	28 17	68 29	56·7	1000·9	1007·2	— 0·2	311·9	314·3	18th, 22nd	295·6	291·6	15th	303·7	+1·5	*303·2*	0	— 5
651	Jaipur	26 56	75 52	436	959·2	1006·9	— 1·1	311·1	313·4	10th	295·5	292·4	9th	303·3	+0·6	*303·3*	2	— 9
652	Nagpur	21 8	79 5	310	973·6	1007·3	— 0·2	314·0	315·4	17th, 28th	298·7	295·2	1st	306·3	+0·8	*306·1*	5	— 4
653	Allahabad	25 25	81 51	94·1	996·0	1006·4	— 0·7	312·9	315·9	28th	296·4	292·1	1st	304·7	+0·7	*304·4*	0	+155
653a	Darjiling	27 3	88 18	2266	775·1	..	— 0·6	290·6	294·3	28th	282·5	278·9	10th	286·6	+0·5	*286·9*	248	+ 1
654	Calcutta	22 36	88 23	6·4	1006·9	1007·6	— 0·5	309·2	313·6	30th	297·8	294·1	21st	303·5	+0·7	*303·3*	40	— 24
655	Gauhati	26 8	91 41	59·7	1003·2	1010·1	+ 0·3	301·9	305·9	1st	293·8	290·3	9th	297·8	−0·2	*297·7*	139	+ 104
655m	Cherrapunji	25 15	91 42	1314	867·8	..	0·0	293·8	297·2	29th	287·6	284·2	3rd	290·7	−0·4	*290·1*	940	+ 68
655a	Akyab	20 11	92 56	6·1	1009·6	1010·2	— 0·1	304·4	306·5	18th	296·3	292·1	9th	300·3	?−1·4	*300·0*	111	+ 10
656	Mandalay	21 59	96 0	76·2	1000·7	1009·2	+ 0·2	312·7	316·8	30th	298·0	294·7	11th	305·4	+0·2	*304·9*	13	..
656a	Tengyueh	24 59	98 35	1633	832·7	..	..	294·7	297·4	16, 17, 28	282·8	279·7	6th	288·7	..	*288·4*	92	— 15
657	Phu Lien	20 48	106 37	116	997·5	1011·0	+ 0·3	298·0	302·1	30th	292·9	284·4	6th	295·5	−0·5	294·9	63	— 56
658	Moncay	21 31	107 51	9	1010·4	1011·4	+ 0·5	299·0	304·4	22nd, 23rd	292·6	283·0	6th	295·8	0·0	*296·0*	51	— 26
659	Hong Kong	22 18	114 10	33·2	..	1012·8	+ 0·2	297·1	302·9	30th	292·5	286·8	5th	294·8	+0·1	294·4	109	— 62
660	Amoy	24 27	118 4	ca.3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
661	Taihoku, Formosa	25 2	121 31	9·3	1013·1	1014·2	+ 0·2	299·7	306·2	21st, 22nd	290·4	283·6	5th	295·1	+0·9	294·7	72	— 92
661a	Santo Domingo	20 28	121 59	18·7	..	1010·2	— 0·7	..	..	..	..	..	..	..	+0·4	*299·5*	17	— 73
662	Naha	26 13	127 41	10·5	1013·9	1015·1	+ 0·9	298·4	303·4	30th	291·2	281·7	6th	294·8	+0·7	294·5	84	— 73
665	Titizima (Bonin Islands)	27 5	142 11	4·0	1016·8	1017·3	+ 1·4	297·8	300·5	17th, 26th	291·3	284·0	11th	294·5	+0·6	294·2	47	— 73
		N. ° ′	E. ° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Estimates not based on at least six equally-spaced observations each day are in *italics*.

Table representing the Meteorology of the Globe between Latitude 20° N. and 10° N. APRIL—ZONE 7.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′	° ′															
		N.	W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
715	Zapotlanejo	19 38	103 37	1529	..	..	..	..	..	..	..	..	..	..	..	..	..	..
716	Morelia	19 42	101 0	1933	..	..	..	..	..	..	..	..	..	..	..	..	..	..
717	Mexico	19 26	99 8	2259	779·4	..	— 0·1	297·9	301·4	5th	282·6	280·1	9th	..	..	..	..	..
718	Oaxaca	17 4	96 44	1563	..	..	..	..	..	..	..	..	..	..	..	..	..	..
718a	Salina Cruz	16 12	95 16	56·3	..	..	..	..	..	..	..	..	..	..	..	..	31	+ 12
719	San Salvador	13 42	89 12	684	936·8	1013·0	+ 1·0	299·4	310·0	10th	295·2	285·2	22nd	297·3	−0·3	*297·3*	..	..
720	Belize	17 29	88 12	5·2	..	..	..	..	303·0	..	..	294·7	..	..	..	..	54	+ 15
721	Jamaica (Negril Point)	18 15	78 23	10·1	..	1013·5	— 0·2	302·4	304·0	11th	295·0	291·1	1st	298·7	+0·3	*298·7*	152	+ 85
722	Port au Prince	18 34	72 22	37·4	1009·9	1014·2	0·0	305·4	307·3	11th	295·1	293·1	8th	300·3	+0·5	299·2	170	+ 93
723	Caracas	10 31	66 56	1010	899·9	..	— 0·3	300·6	303·1	28th	288·4	285·6	13th, 15th	294·5	−0·4	*292·9*	187	+ 22
723a	St. Croix (Christiansted)	17 45	64 42	6·6	..	..	..	300·6	302·0	16th, 30th	296·4	294·3	6th	298·5	−0·5	*298·3*	3	— 39
723b	Montserrat	16 41	62 9	39·6	1010·5	1015·1	+ 0·1	303·9	305·2	sev. dates	295·3	291·9	1st, 5th	299·6	..	*299·0*	25	— 55
724	Grenada (Richmond Hill)	12 3	61 45	155	994·4	1012·3	— 0·3	302·9	304·1	3rd	296·2	294·1	12th	299·6	+0·6	*299·2*	20	..
725	Barbados	13 8	59 36	55·2	..	1014·0	— 0·1	302·8	304·1	30th	294·4	292·8	22nd	298·6	+0·2	*298·5*	48	— 12
731	St. Vincent, C. Verde Is.	16 54	25 4	11	1013·0	1014·3	— 0·2	295·9	297·0	21st, 23rd	292·1	290·0	3rd, 9th	294·0	−0·9	*294·6*	73	+ 34
732	San Tiago, C. Verde Is.	14 54	23 31	?40	1009·0	1013·7	— 0·6	299·1	303·0	28th	293·1	291·8	11th	296·1	−0·2	*296·0*	0	0
733	Bathurst	13 24	16 36	1·5	..	1013·5	0·0	301·9	305·2	23, 24, 30	289·9	288·0	13th	295·9	−1·4	*295·7*	0	— 1
734	M'Carthy Island	13 42	14 46	1·1	..	..	..	315·8	317·4	26, 28, 30	292·2	288·6	7, 8, 13	304·0	−0·3	..	0	— 1
735	Ségou	13 34	6 17	300	..	..	..	..	..	..	..	..	..	..	..	..	0	0
736	Timbuctoo	16 43	W 3 1	270	..	..	..	312·1	315·8	19th	294·0	290·4	15th	303·1	−2·0	*303·0*	..	..
737	Sokoto	13 2	E 5 14	353	..	..	..	313·8	317·4	11th, 22nd	298·2	293·6	22nd	306·0	+0·1	..	..	..
738	Kaduna Junction	10 50	7 25	640	..	..	..	300·4	309·1	21st	294·9	291·9	2nd, 9th	300·7	−0·5	..	5	+ 1
739	Katagum	12 17	10 22	307	..	..	..	..	..	..	..	..	..	..	..	..	53	— 15
740	Maiduguri	11 47	13 11	361	..	..	..	315·2	318·0	1st	297·4	291·3	24th	306·3	0·0	..	..	..
743	El Obeid	13 11	30 14	569	942·9	1004·7	— 2·6	313·1	317·2	5th	293·0	288·4	22nd	303·0	+1·4	*302·8*	0	— 1
743a	Khartoum	15 37	32 33	390	962·2	1004·8	— 1·9	313·5	317·8	28th	296·0	290·4	21st	304·8	+1·2	*304·2*	0	0
744	Port Sudan	19 37	37 13	5·9	1007·5	1008·2	— 1·6	304·9	310·0	26th	294·1	290·3	4th	299·5	0·0	*299·2*	0	— 1
745	Berbera, Somaliland	10 22	45 2	10·1	..	1009·8	— 1·2	304·7	306·3	19th	298·3	296·3	21st	301·5	−0·2	*300·5*	0	— 11
751	Aden	12 45	45 3	28·7	1006·8	1010·0	— 1·5	303·7	306·4	22nd	299·2	297·7	2nd	301·4	0·0	*300·4*	0	— 5
751a	Bombay	18 54	72 49	11·3	1009·5	1010·7	+ 0·1	305·1	306·7	7th, 8th	298·5	297·2	1st	301·8	+0·4	*301·3*	1	— 1
752	Cochin	10 58	76 21	2·7	1000·0	1010·2	— 0·1	306·3	307·6	5th	299·1	296·0	10th	302·7	+0·2	*302·1*	88	— 44
752a	Kodaikanal	10 14	77 28	2343	771·9	..	+ 0·3	295·1	297·2	25th	285·2	283·3	14th	290·1	+0·7	*289·1*	47	— 61
753	Bangalore	12 59	77 38	920	910·3	1009·2	0·0	308·2	309·2	1st	294·3	292·3	8th, 22nd	301·3	+0·9	*300·6*	15	— 19
754	Madras	13 4	80 14	6·7	1009·2	1009·9	— 0·1	307·4	311·4	25th	298·7	296·8	3rd	303·1	+0·6	*302·5*	1	— 15
755	Waltair	17 45	83 16	68·9	1001·6	1009·2	— 0·3	305·8	307·8	25th	298·8	297·5	8th	302·3	+0·5	*301·7*	1	— 21
756	Port Blair	11 40	92 40	17·7	1008·4	1010·3	— 0·3	307·4	308·4	25th	299·8	298·8	5th	303·6	+0·8	*303·0*	1	— 73
757	Rangoon	16 46	95 48	5·5	1009·9	1010·6	+ 0·1	309·8	311·6	15th	297·0	295·5	3rd	303·4	−0·3	*302·1*	11	— 29
758	Saigon	10 47	106 42	11·2	1007·5	1008·7	— 0·3	308·0	310·4	13th	297·6	295·4	6th	302·8	+0·1	*302·1*	0	— 57
759	Nhatrang	12 15	109 12	3·6	1009·4	1009·8	— 0·2	303·4	305·7	28th, 30th	296·0	294·7	19th	299·7	−1·0	*299·2*	24	— 3
761	Bolinao	16 24	119 53	9·7	..	1009·2	— 0·7	307·1	308·7	13th	297·2	295·1	20th	302·1	0·0	301·7	15	— 12
761a	Vigan	17 34	120 23	12·2	..	1009·3	+ 0·3	304·9	306·4	8th	296·4	294·4	5th	300·7	−0·5	300·7	34	+ 13
762	Manila	14 35	120 59	14·2	..	1009·5	— 0·6	306·4	308·0	24th, 28th	295·7	293·4	16th	301·1	−0·8	300·3	46	+ 11
765	Ormoc	11 0	124 36	5·6	..	1008·9	— 0·6	304·6	306·3	4th	295·7	291·9	2nd	300·1	+0·1	299·4	203	+125
	Guam, Ladrone Is.	13 24	144 38	20·4	..	1009·2	— 0·4	303·3	304·4	5th	297·3	295·8	14th	300·3	−0·2	*300·4*	79	+ 33
		N.	E.															

Between Latitude 10° N. and 0°. APRIL—ZONE 8.

805	Fanning Island	3 55	159 23	4·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
821	Colon	9 23	79 23	7·6	..	1011·3	+ 0·2	303·2	304·7	27th	298·2	295·8	1st	300·7	+0·9	*300·3*	159	+ 52
822	Bogota	4 36	74 6	2645	..	..	..	..	..	..	..	..	..	..	..	..	153	+ 16
822a	Merida	8 36	71 10	1641	841·2	..	..	297·7	300·2	21st	288·7	287·2	15th, 19th	293·2	..	*292·0*	131	..
824	El Peru, Guayanavieja	7 30	62 0	220	985·3	1010·2	— 0·7	305·4	306·6	15th	295·3	292·8	12th	300·3	+1·2	*299·6*	32	— 46
825	Georgetown, Brit. Guiana	6 50	58 12	1·8	..	1013·4	— 1·0	303·6	304·1	sev. dates	297·7	295·2	14th	300·7	+1·0	*299·9*	70	— 100
826	Paramaribo	5 49	55 9	3·7	1011·3	1011·7	— 1·2	303·8	304·9	3rd, 7th	295·5	293·2	11th	299·7	+0·4	*299·6*	66	— 184
826a	Cayenne	4 56	52 21	6	..	..	..	304·3	305·2	2nd, 27th	297·6	295·4	29th	300·9	+1·3	*301·6*	110	— 371
833	Conakry	9 31	13 43	16	1008·0	1009·8	— 0·8	305·9	307·6	..	297·0	294·8	..	301·5	+0·2	*300·9*	26	+ 2
834	Freetown, Sierra Leone	8 30	13 9	68·3	1002·8	1010·6	— 0·4	304·8	306·9	3rd, 22nd	297·3	294·7	24th	301·1	−0·1	*300·6*	50	— 55
835	Cape Coast Castle	5 5	1 13	?	..	..	..	304·1	305·2	3rd	293·8	292·4	3rd	298·9	−1·6	*298·2*	139	+ 54
836	Accra	5 12	W 0 12	18	..	..	..	304·1	306·3	14th	297·1	294·1	26th	300·6	+0·3	*300·1*	34	— 71
837	Lagos	6 27	E 3 24	1·8	1010·2	1010·4	— 0·8	304·6	305·9	..	297·7	295·3	..	301·1	+0·2	*300·6*	139	— 10
838	Zungeru	9 49	6 10	130	994·7	1009·4	— 0·4	308·7	311·9	21st	297·0	293·0	3rd	302·9	−0·7	..	22	— 36
839	Libreville	0 23	9 26	35	1003·7	1007·7	..	305·8	307·8	19th	296·2	294·5	2nd, 3rd	301·0	+1·1	*300·4*	322	— 19
841	Yola	9 12	12 30	259	..	..	..	310·8	313·0	1, 20, 24	298·4	295·2	2nd	304·6	−0·1	..	55	+ 2
843	Wau	7 42	28 3	440	957·2	1005·2	— 1·8	309·9	315·0	6th	296·6	294·5	19th, 26th	303·2	+0·3	*302·0*	90	+ 37
843a	Mongalla	5 11	31 47	439	957·3	1006·1	— 1·2	307·5	313·0	2, 6, 7	295·6	292·5	15th, 17th	301·6	+0·1	*300·3*	125	+ 19
844	Malakal (Kodok)	9 35	31 37	394	..	..	..	313·0	315·6	5th, 6th	298·1	293·6	22nd	305·6	+1·2	*303·9*	7	— 20
845	Entebbe	0 5	32 29	1171	882·5	..	— 0·9	299·3	300·2	3, 6, 9	291·0	289·9	24th	295·2	+0·7	*294·5*	150	— 99
851	Harrar	9 42	42 30	1856	..	..	..	298·7	300·0	4th, 5th	287·8	287·0	sev. dates	293·2	−0·6	..	195	+ 76
852	Mimicoy	8 17	72 49	2·1	1011·0	1011·2	+ 0·6	..	..	..	..	..	..	..	..	..	29	— 54
853	Colombo Observatory	6 54	79 53	7·3	1007·8	1008·6	— 0·4	304·7	305·8	10th	297·4	294·0	16th	301·0	−0·2	*300·4*	284	+ 32
854	Nuwara Eliya	6 59	80 47	1886	..	..	..	295·8	297·4	23rd	282·4	277·4	1st	289·1	+0·2	*288·1*	96	— 50
855	Trincomalee	8 34	81 14	30·2	1004·9	1008·3	+ 0·5	308·7	311·3	20th	298·8	295·9	22nd	303·7	+1·1	*303·1*	23	— 29
856	Kota Kadja	5 32	95 20	7·1	..	1009·0	— 1·5	..	..	..	..	..	..	..	..	..	59	— 44
857	Medan	3 35	98 41	25·0	..	1008·8	— 1·2	304·1	306·4	18th	294·8	292·9	6th	299·5	..	298·7	81	— 53
858	Penang	5 34	100 20	6·3	1008·5	1009·2	— 0·9	305·4	307·4	7th	296·5	295·2	7th	300·9	−0·3	*300·3*	196	+ 14
859	Singapore	1 17	103 51	3·0	1008·5	1008·8	— 0·5	304·7	306·1

APRIL—ZONE 9. Table representing the Meteorology of the Globe between Latitude 0° and 10° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
905	Malden Island	4 2	155 1	7·9	1010·9	1011·8	+ 1·6	304·9	306·3	17th, 19th	296·0	294·7	6th, 8th	300·4	−1·6	*299·7*	55	− 50
921	Quito	0 10	78 35	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
924	Manaos	3 8	60 1	44·9	1006·6	1011·8	− 0·6	304·0	306·8	23rd	296·5	295·0	11th	300·3	−0·3	*299·4*	276	+ 73
926	Taperinha	2 30	54 42	20·0	1008·9	1011·2	..	..	..	..	295·7	294·8	14th, 15th	..	..	*298·1*	362	..
927	Turyassu	1 43	45 27	15·0	1008·9	1010·6	+ 0·8	303·7	306·1	5th	295·3	294·0	15th	299·5	0·0	*298·4*	402	+ 29
928	Barra do Corda	5 31	45 16	81·0	1000·7	1010·1	− 0·7	304·4	305·8	sev. dates	295·1	293·8	17th	299·7	+0·4	*298·5*	125	− 55
929	Quixeramobim	5 16	39 15	207	987·7	1011·2	− 0·3	303·2	305·4	6th	297·4	296·2	25th	300·3	−0·2	*299·7*	104	+ 24
930	Fernando Noronha	3 50	W32 55	95·0	999·2	1010·1	− 0·2	301·2	302·5	9th	297·3	295·2	29th	299·3	..	*298·9*	272	..
939	Loanda	8 49	E 13 13	59·3	..	1008·6	− 1·7	301·3	304·0	20th	296·2	294·9	13th	298·7	−0·3	298·5	341	+232
940	Brazzaville	4 17	15 16	290	976·1	1008·8	..	305·9	309·5	5th	294·4	292·0	21st	300·1	+0·4	*299·4*	189	− 65
943	Masaka	0 21	31 47	?1280	..	..	..	297·4	300·8	7th	289·3	288·6	sev. dates	293·3	+0·2	*292·9*	132	− 44
944	Nairobi	1 15	36 44	1800	..	..	..	296·3	298·6	1st	286·3	283·6	26th	291·3	−0·1	..	343	+113
944*a*	Zanzibar	6 10	39 11	21·9	1010·5	1012·9	− 0·7	301·9	304·1	9th	297·8	295·8	14th	299·9	−0·3	*299·6*	847	+405
945	Lamu	2 16	40 54	3·1	..	..	..	304·1	304·7	1st	300	299·7	4th	301·9	+1·0	*301·5*	76	− 100
947	Seychelles, Port Office	4 37	55 27	4·6	1009·3	1009·9	− 0·4	302·8	303·5	14th	299·7	298·6	11th	301·3	+0·5	*300·8*	235	+ 49
957	Padang	0 56	100 22	6·7	..	1009·6	− 1·4	304·4	306·0	12th	296·9	295·4	25th	300·7	..	300·0	407	+ 42
958	Batavia	6 11	106 50	8·0	1008·5	1009·4	0·0	303·4	304·6	27th	297·1	295·8	30th	300·2	+0·4	299·8	168	+ 40
958*a*	Pontianak	0 1	109 20	2·6	..	1009·5	− 0·3	304·3	306·8	30th	297·2	295·3	7th	300·7	..	299·9	308	+ 21
959	Passeroean	7 38	112 55	5·0	..	1009·7	+ 0·2	304·3	305·2	29th	294·2	291·2	30th	299·3	−0·4	299·4	2	− 123
960	Kajoemas	7 56	114 9	1060	..	..	..	297·2	299·1	7th	290·6	289·3	28th	293·9	..	293·4	13	− 283
962	Ambon	3 42	128 10	4·2	..	1009·6	+ 1·1	302·6	304·5	3rd	296·6	295·2	16th	299·6	+0·4	299·1	490	+ 327
963	Manokwari	0 52	134 20	19·0	..	1008·5	− 0·4	..	..	..	..	..	..	..	..	..	221	− 53
965	Daru	9 4	143 13	7·6	..	1009·3	− 0·6	302·5	..	..	..	..	..	..	..	..	454	+ 178
966	Port Moresby	9 29	147 9	39·0	..	1008·8	− 1·1	304·0	..	..	297·0	..	..	300·5	−0·2	*300·0*	101	+ 20
967																		
968	Rendova	8 30	157 12	1·8	1008·1	1008·3	− 0·5	..	..	..	..	..	..	..	..	..	262	− 24
969	Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	1008·9	1009·1	+ 0·2	304·4	306·9	1, 2, 7	298·3	297·4	3, 16, 30	301·4	+0·7	*301·0*	454	+ 244
970	Ocean Island	0 52	169 35	25·6	1004·4	1007·4	− 0·7	304·8	305·4	11th	298·2	296·9	9th, 17th	301·5	+0·5	*300·8*	2	− 214
		S.	E.															

APRIL—ZONE 10. Between Latitude 10° S. and 20° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1002	Apia, Samoa	13 48	171 46	2	..	1012·1	+ 2·4	302·7	304·6	15th	296·1	293·9	6th	299·4	−0·1	298·7	259	− 28
1003	Alofi, Niue Island	19 2	169 55	36·6	..	..	..	301·6	304·1	16, 19, 20	292·5	290·2	7th	297·1	..	*296·5*	571	+403
1007	Makatea	15 47	148 14	47	1007·8	1013·2	..	304·5	306·0	..	296·7	294·4	..	300·6	..	*300·1*	86	− 44
1021	Aeropitz	16 22	71 33	2451	761·7	..	+ 0·4	292·2	293·8	23rd	281·9	279·1	12th, 14th	287·1	−0·4	*286·7*	0	− 4
1022	Puerto de Arica	18 28	70 20	5	..	..	..	294·6	296·4	3rd	288·5	287·4	sev. dates	291·5	+1·2	*293·5*	0	..
1023																		
1024	Sucre, Bolivia	19 30	64 24	2848	728·7	..	..	291·1	297·8	7th	281·7	280·2	5th	286·4	− 1·8	*285·6*	107	+ 55
1025	Corumba	19 0	57 39	116	996·7	1009·9	− 0·7	310·3	312·0	24th, 25th	..	..	..	..	..	*300·5*	182	+ 39
1026	Cuyaba	15 36	56 6	165	990·8	1009·6	− 0·5	303·3	306·3	27th	297·9	294·6	6th	300·6	+0·3	*300·1*	117	+ 16
1027	Bello Horizonte	19 55	43 55	857	918·6	1014·9	+ 0·6	297·8	300·0	19th, 20th	288·7	285·0	26th	293·3	−1·1	*292·2*	137	+ 15
1028	Caetite	14 2	42 30	900	914·8	1014·8	− 0·1	299·6	302·3	5th	290·6	289·2	29th	295·1	−0·2	*295·1*	135	+ 36
1029	Ondina (Bahia)	13 0	38 30	47·0	1006·4	1011·8	− 1·2	302·4	304·1	4th	296·0	294·1	28th	299·2	+0·1	*298·7*	373	+ 36
1030	Aracaju	10 55	37 3	4·0	1011·6	1012·0	− 0·9	303·8	305·5	11th	297·8	296·2	29th	300·8	+1·0	*300·7*	115	− 5
1035	St. Helena	15 57	W 5 40	632	944·9	1015·9	− 0·3	295·8	299·6	2nd	288·3	285·7	28th	292·1	+0·3	*291·9*	96	− 12
1042	Gwelo	19 28	E 29 47	1417	862·6	..	− 0·3	300·1	304·7	25th	..	..	..	..	..	..	4	− 87
1043	Salisbury, Rhodesia	17 48	31 5	1457	857·7	..	− 0·7	300·3	303·3	5th	284·9	281·7	21st	292·6	+0·8	..	32	+ 20
1044	Zomba	15 23	35 18	?945	908·2	1013·2	− 0·2	298·2	301·9	25th	288·6	284·1	21st	293·4	−0·3	*292·8*	180	..
1045	Tananarivo	18 55	47 32	1400	864·4	..	− 0·4	297·6	300·8	2nd	287·8	283·8	23rd	292·7	+0·5	*291·8*	57	..
1046	Sainte-Marie	17 0	49 51	15	..	..	..	..	..	..	..	..	..	..	..	..	..	− 17
1055	Cocos Keeling Is.	12 5	96 53	4·6	1010·4	1010·9	− 0·1	302·3	303·3	16th	298·0	294·1	9th	300·2	−0·2	*299·8*	212	− 48
1056																		
1057	Christmas Island	10 25	105 43	5·5	1007·5	1008·1	− 0·1	304·7	306·3	..	297·2	295·8	..	300·9	+0·2	*300·4*	153	− 21
1058																		
1061	Koepang	10 10	123 34	45·1	..	1010·4	+ 1·3	304·9	306·4	19th	294·5	292·4	14th	299·7	..	299·2	36	− 23
1061*a*	Derby	17 18	123 40	10·2	1010·7	1012·6	+ 1·3	307·4	310·6	22nd	292·5	288·7	17th	299·9	−1·8	..	0	− 25
1062	Hall's Creek	18 13	127 46	374	971·1	1012·5	+ 0·2	307·2	311·3	2nd, 3rd	288·6	282·4	17th, 18th	297·9	−0·7	..	0	− 29
1063	Port Darwin	12 28	130 51	29·6	1006·5	1009·8	+ 0·7	307·4	308·8	13th, 19th	297·3	295·5	28th	302·4	+0·4	*301·3*	16	− 29
1064	Daly Waters	16 16	133 23	211	986·2	1009·8	− 0·7	307·2	310·8	1st	292·4	289·9	12th	299·8	−0·1	*299·3*	1	− 43
1065	Mein	13 13	142 47	122	994·6	1008·2	− 0·9	304·2	308·0	14th	294·9	292·2	13th	299·6	+0·4	*299·0*	130	− 7
1066	Georgetown, Queensland	18 22	143 32	302	977·2	1010·8	− 1·1	305·4	307·9	10th	292·3	286·7	8th	298·9	+0·1	..	20	− 65
1067	Samarai	10 37	150 40	15·2	..	..	..	303·1	..	..	297·4	..	..	300·2	+0·5	*299·8*	171	+139
1072	Suva, Fiji	18 8	178 26	16·8	1010·1	1012·1	+ 0·1	301·3	303·8	1st	294·9	292·2	12th	298·1	−0·8	*297·7*	545	mm.
		S. ° ′	E ° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Estimates not based on at least six equally-spaced observations each day are in *italics*.

Table representing the Meteorology of the Globe between Latitude 20° S. and 30° S. APRIL—ZONE 11.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: * Mean	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1105	Rarotonga (Avarua)	21 12	159 47	6	..	..	..	301·0	302·2	13th, 15th	294·6	291·3	19th	297·8	0·0	*297·4*	232	+ 36
1106																		
1121	Punta Tortuga, Coquimbo	29 56	71 21	27	1012·4	1015·6	+ 0·1	290·7	294·0	5th	281·7	279·5	26th	286·2	+0·6	*288·2*	1	+ 1
1122	Iquique	20 12	70 11	9	1013·8	1014·9	+ 0·6	295·4	297·6	1st	287·3	286·0	12th	291·3	+0·2	*291·7*	0	0
1123	Catamarca	28 27	65 47	510	..	1009·6	− 2·2	302·1	308·0	13th	288·3	286·0	9th, 10th	295·2	+1·9	*294·8*	46	+ 28
1124	Salta	24 46	65 28	1178	884·4	1010·4	− 0·3	297·1	301·2	27th	286·0	280·3	9th	291·5	+1·7	*291·7*	60	+ 29
1125	Goya	29 9	59 15	26	..	1012·7	− 1·5	302·6	306·8	12th	289·2	285·2	21st	295·9	+2·8	*295·5*	61	− 54
1126	Asuncion	25 21	57 37	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1127	Curityba	25 25	49 17	908	914·3	1016·9	− 0·6	295·7	300·1	18th	284·8	280·9	22nd	290·3	−0·3	*289·0*	21	− 62
1128	Rio de Janeiro	22 54	W43 10	61·4	1007·4	1014·6	− 0·3	298·4	303·0	4th	293·8	292·3	7th, 13th	296·1	−0·7	295·9	117	+ 9
1139	Windhoek	22 34	E 17 6	1665	..	..	..	296·2	300·9	9th	286·3	282·0	22nd	291·3	−1·5	*291·3*	12	− 28
1140																		
1141	Kimberley	28 42	24 47	1202	884·1	..	− 0·2	298·4	303·8	19th	284·2	275·8	24th	291·3	+0·7	290·6	17	− 19
1142	Johannesburg	26 11	28 4	1806	823·5	..	− 1·5	294·8	298·2	26th	283·3	278·6	23rd	289·1	+0·8	*288·8*	11	− 41
1142*a*	Pretoria	25 45	28 12	1338	871·0	..	..	298·6	302·4	27th	281·9	275·6	24th	290·3	−0·2	..	28	− 60
1143	Durban	29 52	31 3	15·2	1015·4	1017·2	..	298·6	300·8	1st	290·9	288·0	8th	294·8	+0·2	*294·3*	76	− 8
1144	Lorenzo Marques	25 58	32 36	59·5	..	1016·9	+ 0·1	301·8	306·6	24th	291·6	289·5	25th	296·7	+0·2	296·2	17	− 21
1147	Mauritius	20 6	57 33	55·2	1006·3	1012·8	− 1·2	300·9	302·8	6th	293·6	290·0	22nd	297·3	−0·2	296·9	142	+ 28
1159	Onslow	21 43	114 57	4·3	1012·0	1012·5	+ 0·6	305·8	308·7	7th	291·0	286·9	25th	298·4	−1·3	..	0	− 23
1160	Peak Hill	25 38	118 47	588	948·7	1013·9	+ 0·6	302·7	305·8	9th, 10th	289·4	285·8	27, 28, 29	296·0	−0·4	..	0	− 31
1161	Nullagine	21 53	120 5	386	970·7	1013·5	+ 0·7	305·8	308·8	4th	287·6	282·4	10th, 30th	296·7	−1·5	..	0	− 22
1162	Laverton	28 40	122 23	466	966·5	1019·3	+ 1·8	299·2	306·3	9th	284·3	280·5	27th	291·8	−1·9	..	0	− 26
1163	Alice Springs	23 38	133 37	587	950·4	1016·5	+ 1·2	298·1	305·2	4th	285·1	278·6	16th, 17th	291·6	−1·5	*291·8*	34	+ 14
1164	William Creek	28 55	136 21	76·2	1010·3	1019·2	+ 0·9	297·7	303·8	19th	283·3	278·0	27th	290·5	−2·1	*290·5*	1	− 9
1164*a*	Boulia	22 55	139 38	146	?997·3	?1014·0	+ 0·7	303·8	307·6	10th, 17th	287·3	281·9	15th	295·6	−0·8	..	0	− 15
1165	Thargomindah	27 58	143 43	123	1001·6	1016·0	..	299·3	304·1	11th	287·3	281·9	29th	293·3	..	..	25	..
1166	Mitchell	26 32	147 52	336	..	..	..	300·1	305·8	5th	286·1	275·2	20th	293·1	+0·8	..	27	− 10
1167	Rockhampton	23 24	150 30	11·3	1012·3	1013·5	− 2·0	301·7	306·6	4th	293·0	288·6	16th	297·4	+0·7	*296·8*	71	+ 11
1168	Brisbane	27 28	153 2	11·6	1015·5	1016·9	− 0·5	298·7	301·8	26th	290·4	285·1	29th	294·6	+0·3	*294·1*	227	+136
1169	Quitchambo	21 52	106 3	38	1006·9	1011·3	..	303·4	306·0	9th	291·0	285·5	30th	297·2	..	..	52	− 53
1170	Norfolk Island	29 5	167 53	15·2	1016·2	1017·6	+ 0·7	296·2	298·6	7th	292·8	290·1	20th	294·5	+0·9	*294·2*	106	+ 2
		S.	E.															

Between Latitude 30° S. and 40° S. APRIL—ZONE 12.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: * Mean	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1221	Juan Fernandez	33 37	78 50	10	..	..	..	292·3	294·5	12th	287·3	283·2	24th	289·8	−0·1	*290·2*	67	− 18
1221*a*	Punta Tumbes	36 37	73 6	91	1005·9	1016·9	+ 0·5	289·7	293·0	4th	283·6	280·5	25th, 26th	286·7	+0·4	*286·9*	10	− 28
1222	Punta Angeles, Valparaiso	33 1	71 38	41	1011·0	1015·8	− 0·1	293·1	303·5	8th	284·0	281·0	25th	288·5	−0·6	*287·8*	16	+ 5
1222*a*	Santiago	33 27	70 42	520	955·1	1015·4	− 0·1	296·8	302·5	4th, 20th	280·9	277·0	28th	288·9	+1·3	*287·6*	7	− 7
1223	Cordoba	31 25	64 12	423	964·3	1013·0	− 1·4	299·3	305·2	..	286·0	278·7	..	292·7	+2·2	291·9	40	− 3
1224	Bahia Blanca	38 45	62 15	25	..	1013·2	− 0·8	295·0	301·7	21st	283·8	276·6	15th	289·4	+0·9	289·2	104	+ 39
1225	Buenos Ayres	34 40	58 22	25	..	1015·0	− 1·4	296·2	302·1	9th	286·4	280·5	29th	291·3	+1·4	291·2	67	− 19
1226	Montevideo (Prado)	34 53	56 12	24·9	1013·0	1014·8	− 0·9	..	304·2	..	..	277·8	..	..	+0·6	291·0	43	− 75
1226*a*	Rio Grande	32 2	W52 9	2	1014·8	1015·1	+ 1·1	296·6	298·3	25th	290·1	283·7	16th	293·3	+0·5	*293·1*	39	− 49
1239	Cape Town	33 56	E 18 29	11·3	..	1015·8	− 0·8	296·4	307·5	3rd	286·4	281·8	28th	291·4	+1·1	*289·6*	25	− 26
1240	Danger Point	34 37	19 18	19·5	..	..	..	291·9	301·3	13th	285·8	282·4	10th	288·9	..	..	49	..
1241	Heidelberg	34 5	20 58	30·5	..	..	..	299·2	311·3	13th	284·7	278·6	26th	291·9	..	..	32	− 15
1242	East London	33 2	27 53	9·8	1014·3	1015·3	− 1·6	295·9	300·8	15th	288·3	284·1	26th	292·1	+0·4	..	22	− 56
1259	Perth (Observatory)	31 57	115 50	60·0	1012·7	1019·7	+ 1·2	297·4	307·4	8th	286·3	282·4	23rd	291·9	−0·3	..	11	− 29
1260	Katanning	33 42	117 35	310	984·4	1020·6	+ 2·0	295·3	305·4	8th	282·0	276·1	25th	288·7	−0·6	..	8	− 22
1261	Coolgardie	30 57	121 10	423	971·8	1020·5	+ 2·1	297·1	304·3	8th	283·0	277·2	20th	290·0	−1·4	..	1	− 23
1262	Eucla	31 45	128 58	4·6	1019·9	1020·4	+ 1·6	294·5	300·4	17th	284·8	280·1	22nd	289·7	−2·1	..	13	− 15
1263	Streaky Bay	32 48	134 13	13·1	1019·7	1021·2	+ 1·3	294·0	300·2	9th	284·0	277·6	26th	289·3	−1·4	..	10	− 16
1264	Adelaide	34 56	138 35	42·7	1014·6	1019·7	− 0·1	293·2	301·1	10th	284·5	279·4	26th	288·8	−1·9	*288·5*	38	− 8
1265	Melbourne	37 49	144 58	35·1	1013·4	1017·5	− 1·9	291·9	299·7	19th	283·5	277·6	30th	287·7	−0·6	287·2	52	− 5
1266	Bourke	30 13	145 58	110	1006·6	1019·5	+ 1·7	299·2	305·8	1st	285·3	277·4	22nd	292·3	−1·0	..	33	+ 3
1267	Sydney	33 52	151 12	44·5	1012·7	1018·0	− 0·4	294·9	300·3	5th	287·2	281·8	29th, 30th	291·1	0·0	..	150	+ 18
1268	Lord Howe Island	31 32	159 4	4·6	1017·6	1018·1	..	290·5	299·7	0th	291·7	287·6	18th	294·1	..	..	106	− 39
1271	Auckland	36 50	174 50	38·1	..	1019·6	..	292·8	294·7	13th, 14th	286·3	281·3	9th	289·5	+0·3	..	149	+ 65
1272	Napier	39 32	176 53	21·3	..	1019·0	+ 2·1	294·7	299·7	5th, 12th	284·2	279·1	9th	289·4	+1·0	..	77	+ 15
		S.	E.															

Between Latitude 40° S. and 50° S. APRIL—ZONE 13.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: * Mean	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1301	Chatham Island	43 52	176 42	104	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1321	Isla Huafo	43 34	74 45	140	996·8	1013·7	− 1·1	285·2	287·8	9th	281·8	278·9	24th	283·5	0·0	*283·6*	129	+ 26
1322	Punta Galera	40 1	73 44	40	1012·0	1010·8	+ 0·8	288·0	289·2	20th	283·2	279·8	24th	285·0	+0·9	*286·0*	180	− 37
1323	Sarmiento	45 30	69 0	274	..	1008·6	..	289·3	294·5	19th	278·9	267·0	25th	284·1	0·0	283·7	2	..
1324	Punta Madryn	42 49	W64 58	14	..	1010·6	..	294·8	303·7	12th	281·4	275·9	3rd	288·1	+0·8	287·8	3	− 16
1365	Launceston	41 27	E147 10	10·1	1012·2	1013·4	− 2·0	290·3	297·9	2nd	280·3	274·2	28th	285·3	−0·4	..	101	+ 47
1366	Hobart	42 53	147 20	53·9	1004·9	1011·3	− 3·1	289·4	298·4	1st	281·1	277·0	28th	285·3	−0·5	*284·5*	111	+ 63
1370	Invercargill	46 25	168 21	5·5	..	..	..	289·8	299·1	7th	279·6	273·0	25th	284·7	+1·2	..	72	− 39
1371	Dunedin	45 52	170 31	91·4	..	1014·7	− 0·4	290·8	299·7	6th	281·1	276·3	26th	285·9	+2·0	..	32	− 37
1371*a*	Christchurch	43 32	172 38	7·6	..	1015·9	− 0·7	290·8	299·1	14th	280·2	272·6	25th	285·5	+0·4	..	43	− 6
1372	Wellington	41 16	174 46	2·4	..	1018·3	+ 1·2	291·3	294·2	7th	284·9	277·0	9th	288·1	+1·2	..	94	− 5
		S. ° ′	E. ° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Estimates not based on at least six equally-spaced observations each day are in *italics*.

APRIL—ZONE 14. Table representing the Meteorology of the Globe between Latitude 50° S. and 60° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1421	Islota de los Evangelistas	52 24	75 6	55	993·0	999·7	− 2·1	282·3	284·0	21st	278·6	276·4	23rd	280·5	+0·5	*280·6*	280	− 12
1422	Puerto de Punta Arenas	53 10	70 54	4	999·2	999·7	− 1·0	283·0	286·7	19th	275·6	271·0	25th	279·3	−0·1	*279·5*	69	+ 14
1423	Punta Dungeness	52 24	68 26	5	998·6	999·2	− 1·9	284·1	288·5	21st	277·1	276·0	13th, 18th	280·6	+0·2	*281·1*	24	− 2
1424*a*	Año Nuevo	52 22	68 21	12	..	1003·4	− 1·9	286·7	294·6	21st	277·0	272·6	24th	281·9	−0·1	281·7	13	..
1425	Stanley, Falkland Is.	51 41	57 51	4	..	..	..	..	..	..	..	..	..	..	..	..	46	− 13
1426	Cape Pembroke	51 41	57 42	21	..	1002·4	+ 1·3	282·4	285·8	1st	276·0	273·0	3, 21, 24	279·2	+0·1	279·6	..	..
1429	S. Georgia (Cumberland Bay)	54 14 S.	36 33 W.	4	999·2	999·7	+ 3·2	278·7	287·6	13th	272·1	265·6	21st	275·4	−0·5	*275·0*	147	+ 13

APRIL—ZONE 15. Between Latitude 60° S. and 70° S.

1527	South Orkneys.	60 44 S.	44 39 W.	6·1	..	994·2	+ 3·2	..	277·9	..	..	251·9	..	..	−2·2	267·7	34	− 21
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Estimates not based on at least six equally-spaced observations each day are in *italics*.

DAILY OBSERVATIONS OF WIND WITHIN THE TROPICS.—APRIL 1916.

Date.	St. Helena. 1035. Direction.	St. Helena. 1035. *Mean Velocity for the Day.	Fanning Island. 805. Direction and Force.		Sierra Leone. 834. Direction and Force.		Entebbe. 844. Direction and Force.		Malden Island. 905. Direction and Force.	Tulagi. 969. Direction and Force.	Ocean Island. 970. Direction and Force.		Suva, Fiji. 1072. Direction and Force.	
	9h.	m/s	9h.	21h.	9h.	17h.	7h.	21h.	9h.	9h.	9h.	21h.	9h.	
1	SE	—	..	..	W 1	NW 2	E 3	W 3	ESE 2	Calm 0	E 4	E 3	NW	2
2	S	4·5	..	..	Calm 0	Calm 0	W 2	W 2	E 3	Calm 0	E 5	E 4	Calm	0
3	SE	5·2	..	..	Calm 0	Calm 0	W 3	SW 4	ESE 2	NW 2	E 5	E 3	Calm	0
4	SE	5·5	..	..	NW 2	W 2	W 3	SW 5	ESE 2	NW 2	E 4	E 5	SW	3
5	SE	—	..	..	NE 1	W 2	W 3	W 3	ENE 3	Calm 0	E 5	E 2	SE	2
6	SE	—	..	..	W 1	W 2	W 3	E 4	E 1	Calm 0	E 3	E 4	NW	1
7	SE	5·8	..	..	Calm 0	W 3	Calm 0	N 4	E 2	Calm 0	E 4	E 4	SE	3
8	SSE	8·1	..	..	NW 1	W 4	Calm 0	SW 5	ENE 2	Calm 0	E 4	E 2	Calm	0
9	S	5·9	..	..	N 1	W 1	SW 2	SW 4	E 2	Calm 0	E 3	E 1	Calm	0
10	S	5·5	..	..	Calm 0	Calm 0	W 4	SW 3	ENE 2	Calm 0	E 3	E 1	Calm	0
11	SSE	6·4	..	..	NE 3	W 1	W 3	W 4	E 2	Calm 0	E 4	E 5	Calm	0
12	SSE	5·0	..	..	SE 3	Calm 0	W 3	W 3	ESE 2	Calm 0	ESE 4	E 5	Calm	0
13	SE	3·8	..	..	E 1	Calm 0	W 2	W 5	E 2	Calm 0	E 6	E 5	Calm	0
14	SSE	4·2	..	..	Calm 0	NW 1	W 3	W 4	NE 2	Calm 0	E 6	E 5	Calm	0
15	SSE	5·1	..	..	Calm 0	W 2	W 2	W 3	Calm 0	SE 2	E 5	E 4	SE	1
16	SE	6·0	..	..	W 1	W 2	N 3	N 2	E 2	SE 2	E 5	E 4	SE	2
17	SE	5·7	..	..	W 3	Calm 0	E 4	N 3	ENE 3	SE 2	E 3	E 4	SE	3
18	SE	—	..	..	W 3	W 1	S 2	E 4	ESE 2	SE 4	E 3	E 3	SE	3
19	SE	5·8	..	..	Calm 0	W 3	W 2	E 5	ESE 2	SE 4	E 3	E 3	SE	3
20	SSE	—	..	..	W 1	Calm 0	N 3	E 3	ESE 3	Calm 0	E 4	E 3	SE	2
21	SSE	8·0	..	..	W 2	W 2	W 2	E 2	ESE 3	SE 2	E 4	E 3	SE	1
22	SE	—	..	..	E 2	W 2	E 2	SW 5	E 2	SE 2	E 5	E 4	SE	2
23	SE	5·0	..	..	Calm 0	W 2	W 3	SW 4	E 2	Calm 0	E 4	E 2	Calm	0
24	SE	4·5	..	..	E 1	NE 2	N 2	SW 3	NE 3	Calm 0	E 3	E 1	Calm	1
25	SE	6·4	..	..	NW 1	Calm 0	E 3	SW 2	SE 2	Calm 0	E 3	E 1	NE	1
26	SE	6·1	..	..	Calm 0	W 2	W 3	SW 1	SE 2	Calm 0	E 4	E 3	SE	3
27	SSE	5·8	..	..	NE 1	NW 4	W 2	W 3	SE 3	Calm 0	E 4	E 3	SE	3
28	SSE	4·5	..	..	Calm 0	W 3	Calm 0	W 2	SE 3	SE 2	ESE 5	E 5	SE	2
29	SSE	4·7	..	..	NW 1	W 1	W 4	W 1	ENE 3	Calm 0	E 4	E 5	SE	2
30	SE	8·6	..	..	Calm 0	W 2	W 3	W 3	ESE 3	SE 2	E 4	E 1	SE	2
Mean	..	5·7	..	..	1·0	1·5	2·5	3·3	2·2	0·9	4·0	3·3		1·5
†Resultant	145° (93)	..	..		290° (41)		275° (41)		100° (84)	135° (23)	90° (99)		135° (43)	
†Normal	138° (89)	6·6	86° (78)		277° (35)		250° (41)		81° (78)	125° (36)	84° (41)		91° (53)	

* Velocity of the South-East Trade Wind at 632 metres.
† Direction and "constancy." For explanation see Introduction.

STATE OF ICE IN THE ARCTIC SEAS AND IN THE NORTH ATLANTIC.—APRIL 1916.

**Barents Sea.*—The edge, consisting of broken winter ice was further west than usual, being met with at some distance from C. Sviatoj; in 41° E the trend was first northward, later eastward. Floes to an extent of 4 miles were observed a little within the edge. The ice covered an area of 1057×10^3 sq. km., compared with a normal of 1155×10^3 sq. km.

* *Spitsbergen.*—Along the W. Coast ice could be sighted from the land. Round Hope Island the ice, which was heavy and close, was further to the N. than usual in April, the edge, only 30 miles from the shore. There was firm ice in Foreland Sound; in Green Harbour ice at about 220 yards from the shore was 27 in. thick and towards the end of the month there was open water in the Icefiord.

* *Greenland Sea, Iceland and Denmark Strait.*—The coasts of Iceland and Grimsey were free of ice, the normal duration being 8 days. At Angmagsalik the ice was still close inshore at the beginning of the month, in the middle the sea was clear along the coast and the ice in the offing very scattered. From the 23rd onward the ice was again closely packed. The ice covered an area of 1131×10^3 sq. km., compared with a normal of 1157×10^3 sq. km.

North Atlantic and Labrador.—A number of icebergs were observed off the Newfoundland Banks, the southernmost in 41° 36′ N. Belle Isle St. was filled with bergs and heavy pack.

* *Davis Strait.*—The sea was free round C. Farewell till the middle of the month when ice came close inshore. From the 3rd the coast from Arsuk southward was closely packed but the icebelt narrowed later and during the last few days only scattered ice was seen. Between Godthaab and Egedesminde the sea was free far into the Strait. New winter ice formed in the North.

**Isforholdene i de arktiske Have*, 1916, published by the Danish Meteorological Institute.

RÉSEAU MONDIAL, MAY 1916

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF MAY 1916 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE.

Between Latitude 80° N. and 70° N. MAY—ZONE 1.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
123	Inglefield Bay	77 20	67 30	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
124	Upernivik	72 47	W56 7	18·9	1015·9	1018·2	+ 2·0	277·2	283·1	1st	269·4	267·1	9, 15, 24	273·3	+3·8	*272·9*	20	+ 6
125	Spitsbergen (GreenHarbour)	78 2	E 14 14	11·4	1025·4	1026·9	+10·6	..	277·4	25th	260·9	247·1	2nd	..	−0·8	266·9	2	− 10
126	Gjesvaer	71 6	25 22	6·5	1018·2	1019·0	+ 4·7	..	279·8	16th	272·2	268·7	5th	..	−1·7	*274·0*	30	− 6
139	Mehavn	71 1	27 47	6·4	1018·3	1019·1	+ 5·1	..	279·1	8th	271·0	265·9	1st	..	−1·6	*273·3*	25	− 18
140	Vardö	70 22	31 8	10·0	1017·2	1018·5	+ 3·5	..	278·0	28th	270·5	267·4	1st	..	−2·1	*272·5*	57	+ 23
141	Malye Karmakouly	72 23	52 43	14·8	1017·8	1019·7	+ 6·7	..	..	..	..	..	..	..	−3·1	*265·2*	..	..
142	Waigatz	70 24	58 47	11·2	1015·0	1016·4	+ 1·6	..	273·3	18th	263·5	254·6	7th	..	..	*265·6*	3	..
143		N.	E.															

Between Latitude 70° N. and 60° N. MAY—ZONE 2.

203	Nome	64 31	165 24	4·6	1009·3	1009·9	− 0·9	275·8	282·4	..	269·6	258·6	..	272·7	−2·2	..	64	+ 41
204	Candle	65 55	161 57	2·4	..	..	..	277·6	286·9	25th	269·4	259·7	7th	273·5	..	..	27	..
205	Tanana	65 8	152 0	73·8	1000·5	1009·6	− 2·5	285·4	295·2	..	274·4	265·2	..	279·9	−0·4	..	22	+ 1
206	Rampart	65 30	150 15	122	..	..	..	288·6	302·4	30th	273·9	267·4	5th, 6th	281·2	..	..	19	+ 7
207	Valdez	61 7	146 16	8·2	1011·8	1012·8	− 1·7	283·4	290·8	..	274·4	269·1	..	278·9	0·0	..	150	+ 85
208	Eagle	64 46	141 12	248	976·7	1006·4	− 2·8	288·3	299·1	..	273·9	266·9	..	281·1	+2·2	..	34	+ 12
209	Dawson																	
210	Carcross	64 4	139 20	328	968·2	1007·2	− 4·6	289·7	300·2	31st	275·2	268·0	6th	282·4	+1·2	..	17	− 9
211	Fort Good Hope	60 11	134 34	662	..	..	..	284·1	294·7	31st	272·4	263·6	5th	278·3	−0·7	..	0	− 10
212	Fort Simpson	66 15	128 53	65·2	1005·1	1013·2	..	286·5	296·3	24th, 25th	272·2	259·1	6th	279·3	..	..	10	..
213	Hay River	61 52	121 35	129	994·9	1010·5	..	289·1	299·7	18th, 19th	275·8	269·1	2nd, 31st	282·4	+3·3	*283·3*	55	+ 6
214		60 51	115 20	161	991·2	1010·8	..	283·6	297·4	25th, 26th	273·6	263·6	1st	278·6	+0·5	..	5	..
225	Jacobshavn																	
226	Godthaab	69 13	51 2	12·6	1015·2	1016·7	+ 1·3	279·9	289·5	12th	273·3	268·7	3rd	276·6	+4·1	*276·5*	8	− 6
227	Ivigtut	64 11	51 44	9·0	1011·8	1012·9	+ 1·1	..	..	..	272·7	269·4	2nd	..	+2·4	*276·2*	15	− 29
229	Angmagsalik	61 12	48 10	5·0	1012·8	1013·4	+ 1·9	..	..	..	276·0	270·9	1st	..	+3·7	*281·3*	0	− 94
231	Stykkisholm	65 37	37 34	31·7	1014·4	1018·4	+ 3·0	280·8	285·9	23rd	272·0	265·3	9th	276·4	+1·4	*275·2*	60	− 18
232	Vestmanno	65 5	22 46	11·3	1014·3	1015·7	+ 1·7	280·0	286·5	21st, 25th	274·1	268·5	7th	277·1	−0·6	*276·7*	18	− 18
233	Grimsey	63 26	20 15	7·7	1011·4	1012·3	− 0·5	281·9	286·2	30th	275·6	268·2	5th	278·7	−0·1	*279·3*	60	− 22
233*a*	Akureyri	66 33	17 58	22·0	..	..	..	276·5	285·5	19th	272·4	268·7	7th	274·5	−0·4	*274·3*	5	− 10
234	Berufjord	65 40	18 4	6·8	1015·9	1016·8	+ 1·8	..	..	..	..	..	..	..	..	..	..	..
235	Thorshavn	64 40	14 19	18·0	1013·1	1015·3	+ 1·3	279·5	287·2	21st	274·3	269·7	7th	276·9	−0·4	*276·8*	63	− 6
236	Lerwick	62 3	6 45	25·7	1009·8	1012·9	− 1·5	282·1	286·7	22nd	276·4	272·1	5th	279·3	−0·5	*279·1*	61	− 24
237		60 9	W 1 8	18·0	1011·0	1013·1	− 0·6	282·5	286·3	29th	278·2	274·1	7th	280·4	+0·1	*279·7*	138	+ 85
238	Bergen (Met. Obs.)	60 24	E 5 19	44·4	1007·6	1013·0	− 1·2	..	..	..	295·5	6th	279·5	274·7	2nd	..	0·0	*282·3*	43	− 46
239	Christiansund	63 7	7 45	17·8	1010·6	1012·7	− 1·5	..	293·4	9th	278·0	273·6	2nd	..	+0·4	*281·2*	42	− 20
240	Trondhjem	63 26	10 25	39·5	1008·4	1013·2	− 0·8	..	294·7	9th	277·6	271·1	3rd	..	+0·6	*281·4*	82	+ 31
241	Bodö	67 17	14 24	22·4	1011·5	1014·2	+ 0·4	..	289·4	9th	276·7	271·8	12th	..	+1·1	*279·9*	21	− 36
242	Haparanda	65 50	24 9	9·2	1014·4	1015·5	+ 1·2	281·3	294·5	29th	273·0	266·0	4th	277·1	−0·2	*276·8*	35	+ 6
242*a*	Helsingfors	60 10	24 57	12·0	1012·2	1013·6	− 0·7	284·1	293·8	6th	276·7	270·0	12th	280·4	−1·0	280·3	97	+ 52
243	Kuopio	62 54	27 40	90·3	1002·2	1013·4	− 0·9	281·7	295·4	9th	274·0	268·0	12th	277·8	−2·0	*278·3*	50	+ 12
244	Kola	68 53	33 1	6·7	1016·6	1017·5	+ 3·2	274·8	284·0	16th	269·3	263·0	13th	272·0	−4·2	*272·3*	37	+ 14
245	Petrozavodsk	61 47	34 23	38·9	1009·5	1014·3	− 0·3	..	291·9	2nd	..	..	..	..	−1·6	*278·2*	..	..
246	Arkhangelsk	64 35	40 36	5·8	1013·5	1014·2	+ 0·2	279·0	292·8	17th	272·1	266·7	11th	275·6	−3·0	*275·0*	31	+ 1
247	Mezen	65 50	44 16	12·6	1012·6	1014·2	+ 0·5	276·4	291·6	17th	269·8	263·7	8th	273·1	−3·7	*272·7*	27	+ 3
248	Oust-Tsylma	65 25	52 14	? 70	1005·4	1014·3	+ 0·8	275·9	286·5	3rd	269·4	261·6	8th	272·6	−3·7	*272·0*	35	..
	Tcherdyn	60 24	56 31	?177	991·0	1012·6	− 1·3	..	296·8	24th	275·2	269·9	13th	..	−1·8	*279·2*	71	+ 22
249	Berezov	63 56	65 4	39·9	1009·4	1014·4	+ 0·2	276·3	286·5	21st	269·2	258·6	11th	272·8	−2·4	*272·3*	53	+ 19
250	Obdorsk	66 31	66 35	23·7	1012·7	1015·7	+ 2·1	272·2	277·9	19th	265·0	254·3	7th	268·6	−1·9	*268·5*	44	+ 27
251	Sourgout	61 15	73 24	? 40	1008·0	1013·1	− 0·5	..	293·8	21st	269·9	259·6	13th	..	−2·0	*274·1*	43	+ 10
252	Doudinka	69 23	86 4	20	1010·2	1012·8	+ 0·4	..	275·6	20th	259·7	247·0	1st	..	..	*263·2*	3	..
253	Touroukhansk	65 47	87 57	45	1006·6	1012·3	− 0·4	..	281·4	26th	264·9	250·8	5th	..	−1·8	*270·2*	47	+ 21
254	Olekminsk	60 22	120 26	155	991·4	1010·4	+ 0·2	..	294·6	31st	272·0	258·7	6th	..	−0·4	*278·2*	17	+ 1
261	Iakoutsk	62 1	129 43	108	997·4	1010·7	+ 0·2	..	295·5	20th	272·9	262·5	3rd	..	+1·1	*278·9*	11	− 6
262	Verkhoïansk	67 33	133 23	100	995·9	1008·4	0·0	..	294·2	31st	266·4	248·7	3rd	..	−0·6	*274·1*	10	+ 3
263	Oust-Maïskoe	60 25	134 29	?100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
264																		
271	Markovo-sur-Anadyr	64 45	170 50	25·0	1013·8	1017·0	+ 2·2	269·6	276·1	30th	260·9	247·5	2nd	265·2	−4·1	..	9	+ 2
272	Novo-Mariinskii Post	64 45	177 33	5·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N.	E.															
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Estimates not based on at least six equally-spaced observations each day are in *italics*.

MAY—ZONE 3.

Table representing the Meteorology of the Globe between Latitude 60° N. and 50° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
303	Dutch Harbor	53 54	166 32	4·0	..	..	..	279·4	285·8	..	272·7	270·2	..	276·0	−1·1	..	88	− 36
304																	.	.
305	Kodiak	57 47	152 22	1·8	1010·3	1010·5	+ 1·6	280·6	283·6	..	274·9	270·8	..	277·8	..	..	80	− 47
306																	.	.
309	Sitka	57 4	135 20	27·4	1012·5	1015·8	+ 1·3	285·4	296·3	..	276·3	270·8	..	280·8	−0·4	..	84	− 12
310	Prince Rupert	54 18	130 18	51·8	1007·8	1014·2	− 1·1	285·2	296·3	28th	276·9	271·9	7th, 11th	281·1	−1·3	..	149	+ 16
311	Barkerville	53 2	121 35	1274	867·8	..	..	284·7	292·4	20th	272·4	268·0	7th	278·6	−1·3	*278·7*	39	− 21
312	Kamloops	50 42	120 29	385	970·5	1015·9	+ 0·2	293·0	300·8	2nd	279·7	274·7	10th	286·3	−0·9	*286·3*	14	− 10
313	Calgary	51 2	114 2	1045	891·6	..	..	287·4	296·3	2nd	274·1	268·0	8th	280·8	−1·6	*281·1*	79	+ 17
314	Fort Chipewyan	58 42	111 10	218	986·1	1012·5	..	285·2	297·4	19th	274·7	265·8	4th	279·9	0·0	*280·8*	20	− 1
315	Prince Albert	53 10	106 0	442	957·3	1009·5	− 2·4	288·0	298·6	20th	275·8	266·3	2nd	281·9	−0·5	*282·4*	111	+ 52
316	Qu'Appelle	50 30	103 47	645	932·8	1008·3	− 4·2	287·4	297·4	20th	275·8	267·4	2nd	281·6	−1·3	281·2	80	+ 25
317	Minnedosa	50 15	99 50	515	948·4	1009·0	− 4·3	288·6	297·4	20th	275·2	266·3	1st	281·9	−1·0	*281·8*	40	+ 37
318	Berens River	52 18	97 23	216	..	..	..	285·9	295·2	22nd, 25th	273·9	267·4	3rd	279·9	+0·8	*279·6*	74	..
318a	Port Nelson	57 4	92 36	14·9	1010·8	1012·7	..	274·7	282·4	31st	266·9	249·1	3rd	270·8	..	..	24	..
319	Fort Hope	51 33	87 49	335	..	..	..	..	..	..	..	..	..	..	..	..	..	− 43
320	Moose Factory	51 14	80 30	9·1	1006·5	1007·6	− 8·6	284·7	296·3	22, 23, 29	274·7	268·0	1st	279·7	+0·9	..	14	..
321	Fort George	53 50	79 5	?	..	..	..	281·2	296·9	27th	272·8	263·6	2nd	277·0	..	..	40	..
322	Mistassini Post	50 15	73 55	383	..	..	..	284·2	293·6	23rd	274·1	257·4	6th	279·2	..	..	93	..
323	Hebron	58 12	62 21	15·0	1007·9	1009·8	− 3·7	..	..	..	272·7	268·1	..	..	..	*275·0*	176	..
324	Natashquan	50 8	61 48	?	..	..	..	283·5	289·7	31st	274·3	271·3	6th	278·9	..	..	64	..
325																	.	.
326	Belle Isle	51 23	55 23	133	..	..	..	..	..	..	..	..	..	..	..	..	..	..
334	Cahirciveen (Valencia Obs.)	51 56	10 15	13·7	1011·7	1013·4	− 1·9	286·6	295·8	19th	280·5	276·9	10th	283·6	−0·6	283·8	100	+ 10
335	Aberdeen	57 10	2 6	26·8	1009·6	1012·9	− 1·9	284·3	293·6	20th	278·8	274·1	6th	281·6	−0·4	281·5	85	+ 16
336	Greenwich	51 28	W 0 0	48·5	1008·0	1013·9	− 1·5	292·2	300·8	21st	280·3	275·2	9th	286·2	+1·0	285·9	53	+ 9
337	Uccle	50 48	E 4 22	100	1001·6	1013·6	− 1·7	292·3	300·4	5th	281·5	274·4	9th	286·9	+1·2	286·9	79	+ 17
338	De Bilt	52 6	5 11	3·0	1013·6	1014·0	− 1·0	292·2	303·1	6th	281·0	274·7	12th	286·6	+1·3	286·1	67	+ 9
338a	Hamburg	53 33	9 58	40	1008·7	1013·5	− 1·4	290·3	299·5	5th	282·2	277·0	13th	286·3	+1·0	*285·9*	73	− 7
339	Copenhagen	55 41	12 36	5·0	1013·1	1013·7	− 1·4	287·3	294·0	5th	280·9	276·3	12th	284·1	+0·7	*283·9*	32	− 28
340	Potsdam	52 23	13 4	84·9	1003·9	1014·2	− 0·9	292·6	302·2	5th	281·0	273·6	14th	286·8	+0·7	286·3	33	+ 21
340a	Upsala	59 51	17 38	24·0	1010·9	1013·8	0·0	286·8	298·2	7th	275·3	269·5	3rd	281·0	−0·3	281·2	65	+ 35
341	Warsaw	52 13	21 1	133	1000·0	1015·9	+ 1·8	290·9	298·6	6th	280·8	273·2	14th	285·9	−0·5	285·9	14	+ 2
342	Jurjev	58 23	26 43	74·5	1004·8	1014·0	− 0·3	287·2	300·4	7th	277·1	272·0	3rd	282·2	−1·1	281·8	46	.
343	Petrograd	59 56	30 16	4·8	1013·1	1013·7	− 0·5	285·3	298·9	9th	276·9	273·2	11th	281·1	−0·9	*280·8*	88	+ 40
344	Kiev	50 27	30 30	183	994·8	1016·8	+ 2·3	290·3	296·6	9th	280·6	274·8	24th	285·4	−2·4	*285·1*	57	+ 9
344a	Moscow	55 50	37 33	167	994·8	1015·1	− 2·3	287·5	298·7	7th	278·2	272·2	31st	282·8	−2·4	*282·7*	40	+ 10
345	Saratov	51 32	46 3	59·9	1008·8	1016·0	+ 0·4	..	297·3	13th	282·8	276·0	29th	..	−0·8	*287·1*	51	+ 23
346	Kazan	55 47	49 8	79·9	1005·4	1015·1	+ 0·2	290·2	299·0	24th	280·6	273·8	9th	285·4	−0·8	*285·0*	60	+ 23
347	Orenburg	51 45	55 6	109	1003·2	1016·3	+ 0·8	296·0	308·5	24th	281·8	271·3	9th	288·9	+1·6	*288·6*	1	+ 55
348	Perm	58 1	56 16	163	993·1	1012·8	− 1·4	286·9	305·1	24th	277·4	270·6	9th	282·2	−1·4	*281·2*	103	.
349	Ekaterinburg	56 49	60 38	281	979·5	1013·1	− 2·0	288·1	305·9	24th	278·3	268·6	9th	283·2	−0·5	*282·5*	45	+ 2
350	Tobolsk	58 12	68 14	108	1001·0	1014·2	− 0·7	..	..	..	277·2	265·6	10th	..	−0·1	*281·5*	17	− 17
351	Akmolinsk	51 12	71 23	?347	977·1	1018·0	+ 2·1	..	..	..	278·5	268·3	10th	..	+1·6	*287·1*	23	− 20
352	Omsk	54 58	73 23	87·9	1004·7	1015·4	0·0	292·1	308·1	27th	278·6	266·5	10th	285·4	+1·6	*285·2*	19	− 20
353	Barnaoul	53 20	83 48	162	997·8	1017·2	+ 0·8	292·2	308·3	26th	278·0	266·4	11th	285·1	+1·5	*285·2*	12	− 28
354	Tomsk	56 30	84 58	122	999·0	1013·9	− 0·7	..	306·1	27th	275·8	266·0	15th	..	+0·2	*280·6*	65	.
355	Minousinsk	53 43	91 41	249	985·8	1015·6	− 0·1	..	304·6	28th	..	..	..	..	..	*283·2*	45	+ 13
356	Eniseisk	58 27	92 10	77·6	1002·7	1012·3	− 1·6	..	302·8	28th	273·3	264·4	5th	..	−1·2	*278·4*	39	+ 16
357	Irkutsk	52 16	104 19	467	957·9	1013·4	− 0·7	..	301·6	30th	273·7	267·0	6th	..	−0·5	*280·8*	23	+ 1
358	Kirensk	57 47	108 7	263	979·6	1011·4	− 0·8	..	297·1	30th	273·0	266·0	5th	..	−0·8	*279·3*	21	− 8
359	Tchita	52 2	113 30	687	929·0	1009·1	0·0	..	299·7	31st	272·4	265·6	5th	..	+0·2	*281·0*	15	..
360	Blagoveshchensk Priisk	58 10	114 19	490	952·0	1011·1	− 1·8	..	292·1	30th	275·4	261·1	6th	..	..	*276·2*	37	− 29
360a	Nertchinskii Zavod	51 19	119 37	626	936·3	1009·2	+ 0·9	..	297·2	16th	274·8	266·2	6th	..	+1·7	*282·6*	0	.
361	Tygan Ourkan	54 5	124 46	379	963·6	1008·9	..	287·2	297·8	16th	271·6	262·6	8th	279·4	..	*280·5*	50	+ 27
362	Blagoveshchensk (Bureau Météor.)	50 16	127 30	142	991·4	1008·5	+ 2·1	289·1	297·1	18th	276·9	269·8	6th, 7th	283·0	+0·4	*283·2*	69	.
363	Paikanskii Sklad	50 11	130 7	145	990·3	1007·9	..	289·5	299·9	20th	273·9	265·0	6th	281·7	..	*281·6*	74	.
364																	.	.
365	Nikolaevsk-sur-Amour	53 8	140 45	21·2	1009·4	1012·0	+ 2·6	..	288·4	18th	272·5	261·7	1st	..	−0·2	*276·2*	18	− 16
366	Okhotsk	59 21	143 12	6·0	1014·0	1014·8	+ 1·6	276·2	284·0	22nd	270·6	258·3	1st	273·4	−1·1	*273·2*	15	− 7
367																	.	.
368	Petropavlovsk (Radio)	53 0	158 39	13·5	1013·8	1015·5	+ 6·6	280·5	288·4	30th	272·8	267·9	1st, 2nd	276·6	..	*276·4*	3	.
369		N.	E.															
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Estimates not based on at least six equally-spaced observations each day are in *italics*.

Table representing the Meteorology of the Globe between Latitude 50° N. and 40° N.

MAY—ZONE 4.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean	Temperature. Diff. from Normal.	Temperature. †24hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
411	Victoria, B.C.	48 24	123 19	70·1	1007·8	1016·4	0·0	286·9	292·4	1st, 24th	279·7	275·2	7th	283·3	−1·1	282·9	23	− 10
412	Portland, Oregon	45 32	122 41	46·6	1012·7	1017·9	+ 1·0	290·4	300·2	2nd	280·9	275·2	11th	285·7	−1·4	*285·4*	52	− 9
413	Macleod	49 44	113 24	954	..	..	..	287·3	296·9	7th	274·6	269·7	13th, 16th	280·9	−2·0	..	66	+ 12
414a	Helena	46 34	112 4	1253	870·8	1012·8	− 0·2	287·3	300·8	6th	275·5	271·3	2nd	281·4	−3·3	*280·8*	74	+ 18
415	Salt Lake City	40 46	111 54	1329	863·7	1010·5	− 0·5	291·6	303·0	6th	279·7	273·6	10th	285·7	−1·9	*285·7*	15	− 37
416	Cheyenne	41 8	104 48	1856	808·9	1009·1	− 1·7	289·1	300·8	9th	275·3	264·7	1st	282·2	−1·0	*282·6*	49	− 13
416a	North Platte	41 8	100 45	859	912·6	1010·5	− 1·9	295·1	307·4	9th	280·0	270·2	3rd	287·6	−0·4	*287·6*	50	− 23
417	Bismarck	46 47	100 38	511	951·0	1011·2	− 2·4	291·4	304·7	6th	277·7	269·1	1st	284·6	−1·3	*284·6*	50	− 12
418	Winnipeg	49 53	97 7	232	981·3	1009·2	− 5·1	289·1	296·9	5th, 7th	276·3	268·6	3rd	282·7	−1·2	?282·9	62	+ 4
419	Duluth	46 47	92 6	345	969·1	1010·5	− 4·2	286·5	295·2	5th	276·7	271·9	1st	281·6	+0·1	*281·3*	91	+ 11
420	Port Arthur	48 27	89 12	196	985·9	1009·6	− 5·5	286·9	296·9	24th	275·8	270·2	1st	281·3	+0·3	*281·1*	45	− 7
421	Chicago	41 53	87 37	251	982·7	1012·5	− 2·2	292·4	305·2	26th	283·9	277·4	2nd	288·2	+1·4	*288·1*	74	− 19
422	Toronto	43 40	79 24	116	998·6	1012·6	− 2·3	290·8	300·2	24th	280·2	275·2	19th	285·5	+1·0	285·1	142	+ 66
	New York (Central Park)	40 46	73 58	30·2	1009·8	1013·4	− 2·3	293·8	300·2	30th	284·8	279·7	1st	289·3	+0·1	289·1	110	+ 28
423	St. John, N.B.	45 17	66 4	36·2	..	1011·2	− 2·5	285·8	290·8	27th, 28th	277·4	274·1	1st, 2nd	281·6	−0·1	281·5	46	− 48
424a	S.W. Point, Anticosti	49 24	63 33	9·1	1009·6	1010·7	− 1·3	280·8	287·4	24th	275·8	273·0	5, 11, 21	278·3	+1·4	..	51	0
425	Sable Island (Main Station)	43 57	60 6	7·6	1012·3	1013·2	− 2·5	280·8	285·2	30th	276·3	273·6	1st	278·6	−1·1	..	31	− 58
426	Port aux Basques	47 35	59 10	9·1	1009·3	1010·4	− 3·1	281·9	289·7	29th	275·2	273·0	4, 19, 24	278·6	+0·9	..	83	− 6
	St. John's, Newfoundland	47 34	52 42	38·1	1002·9	1007·5	− 5·1	283·0	291·9	23rd	276·3	274·1	1, 7, 22	279·7	+0·7	..	180	+ 90
435	Madrid	40 24	3 41	655	939·5	1014·5	− 0·1	297·6	307·3	21st	281·8	275·2	9th	289·7	+0·8	289·3	66	+ 23
436	Nantes	47 15	W 1 34	36·5	1009·8	1014·2	− 1·2	292·4	300·3	19th	282·2	278·3	3rd	287·3	+0·7	287·2	29	− 27
437	Paris (Parc St. Maur)	48 49	E 2 29	50·3	1008·6	1014·7	− 0·8	293·7	301·2	22nd	282·0	277·2	8th	287·9	+1·6	287·6	74	+ 23
438a	Marseilles	43 18	5 23	74·8	1004·4	1013·3	− 0·1	296·4	301·1	20th	284·2	279·2	10th	290·3	+1·0	290·1	36	− 16
439	Zürich	47 23	8 33	493	957·8	1015·5	− 0·2	293·9	301·5	22nd	281·6	276·0	9th	287·7	+1·2	287·0	68	− 42
440	Rome	41 54	12 28	50·6	1008·1	1013·7	− 0·4	297·3	302·1	4th	285·9	282·2	1st	291·6	+0·9	*291·6*	47	− 11
440a	Vienna	48 15	16 22	203	990·1	1014·6	+ 0·8	292·2	297·9	26th	283·2	278·8	10th	287·7	+0·2	287·7	61	− 9
441	Buda-Pesth	47 31	19 1	130	999·2	1014·6	+ 0·9	295·7	301·7	26th	283·2	277·5	21st	289·4	+0·9	*289·1*	61	− 11
442	Monastir	41 1	21 23	617	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Bucharest	44 25	26 6	82	1004·8	1014·5	+ 1·0	294·6	302·4	9th	283·3	278·1	22nd	288·9	−1·4	288·5	146	+ 85
443	Odessa (University)	46 29	30 44	65·3	1007·9	1015·8	+ 1·3	291·5	296·0	17th	285·2	277·4	22nd	288·4	−0·6	*287·9*	27	− 4
444a	Kharkov (University)	50 0	36 14	140	999·8	1010·6	+ 0·9	291·2	295·7	16th	280·7	275·1	31st	286·0	−2·1	*285·4*	56	+ 12
445	Novorossiisk	44 44	37 49	37·1	1011·1	1015·5	+ 0·7	293·8	299·7	18th	285·7	281·5	25th	289·8	+0·9	*289·2*	19	− 23
446	Tiflis	41 43	44 48	404	967·9	1014·7	− 0·5	297·5	302·1	2nd	286·2	282·6	8th	291·8	+0·3	*290·8*	198	+ 119
447	Astrakhan	46 21	48 2	−13·8	1017·6	1016·0	+ 0·9	297·2	302·0	2nd	286·5	280·3	10th	291·8	+0·4	*291·3*	6	− 12
448	Port Alexandrovsk	44 30	50 16	24	1010·8	1013·6	− 1·7	296·4	302·8	13th	287·9	282·4	27th	292·2	+1·4	*291·7*	0	− 15
	Krasnovodsk	40 0	52 59	−14·6	1015·0	1013·3	− 1·1	301·0	308·0	24th	290·4	285·8	26th	295·7	+1·8	*295·2*	1	− 11
449	Aralskoe More	46 47	61 42	57·0	1011·1	1017·9	+ 2·8	299·2	309·2	24th	283·6	272·2	10th	291·4	+0·9	*291·9*	0	..
450	Tachkent	41 20	69 18	479	957·2	1011·6	− 1·1	302·0	310·5	26th	287·3	279·1	2nd	294·6	+1·0	*294·1*	4	− 29
451	Narynskoe	41 26	76 0	?2015	795·5	..	..	..	..	..	277·9	273·2	4th	..	0·0	*284·4*	26	..
452	Vernyi	43 16	76 53	?825	919·9	1012·9	− 0·2	296·8	306·8	27th	284·4	275·2	16th	290·6	..	*290·0*	44	..
461	Mukden	41 48	123 23	43·8	1003·7	1008·9	+ 0·1	294·4	305·4	12th	282·6	274·8	8th	288·5	0·0	288·4	130	+ 69
462	Joshin	40 40	129 11	4·0	1009·9	1010·4	+ 0·9	289·3	300·7	26th	280·0	274·3	2nd	284·7	−0·1	284·0	92	+ 31
463	Yuki	42 20	130 24	65·6	1002·6	1010·7	..	287·0	299·0	9th	277·9	273·1	2nd	282·5	..	281·7	54	..
464	Vladivostok	43 7	131 55	28·8	1007·5	1011·0	+ 0·7	286·0	296·2	15th	277·8	273·3	2nd	281·9	−1·2	281·4	70	+ 20
465	Ochiai	47 20	142 44	6·6	1011·3	1012·1	+ 1·2	283·2	295·0	19th	273·9	269·3	22nd	278·5	0·0	278·4	78	+ 17
465a	Nemuro	43 20	145 35	26·7	1010·2	1013·5	+ 2·1	281·8	292·3	26th	275·5	271·7	22nd	278·7	−1·2	278·4	90	− 3
	Syana	45 14	147 53	39·3	1008·4	1013·3	+ 1·9	281·1	291·4	7th	273·6	268·3	22nd	277·3	−1·2	277·2	64	− 16
		N.	E.															

Between Latitude 40° N. and 30° N.

MAY—ZONE 5 (Western Half).

511	San Francisco	37 48	122 26	47·2	1010·6	1016·2	+ 0·3	290·2	299·1	1st	282·3	280·8	7th	286·2	−0·6	*285·5*	2	− 18
512	San Luis Obispo	35 18	120 39	61·3	1009·6	1016·9	+ 0·9	292·5	299·7	1st	280·6	276·9	25th	286·6	−1·2	*285·4*	1	− 13
513	San Diego	32 43	117 10	26·5	1010·8	1013·9	− 0·4	291·8	295·2	2nd	286·3	283·0	26th	289·0	−0·2	*288·8*	0	− 8
514	Modena	37 48	113 54	1670	830·0	1009·5	− 0·5	293·3	299·7	4th	274·6	266·9	14th	283·9	−0·4	*283·9*	16	− 5
515	Santa Fé	35 41	105 57	2138	784·9	1007·1	− 1·7	293·1	300·2	9th	279·1	271·9	2nd	286·1	−0·4	*286·3*	2	− 25
516	Denver	39 45	105 0	1613	833·2	1009·1	− 1·5	293·0	304·7	9th	278·9	268·6	1st	286·0	−0·5	*286·2*	38	− 27
517	Abilene	32 23	99 40	530	949·5	1009·5	− 1·9	301·8	309·1	31st	288·8	279·1	16th	295·3	0·0	*295·2*	82	− 12
518	Saint Louis	38 38	90 12	173	992·1	1012·5	− 1·8	298·1	305·8	25th	287·9	280·2	3rd	293·0	+0·8	*292·9*	76	− 33
519	Mobile	30 41	88 2	27·4	1012·4	1014·5	− 0·8	302·3	308·6	27th	293·1	288·0	19th	297·7	+1·2	*297·3*	154	+ 45
520	Nashville	36 10	86 47	166	995·2	1014·9	− 0·7	300·2	305·8	27th	288·6	281·9	5th	294·4	+1·4	*294·8*	136	+ 42
521	Charleston	32 47	79 56	14·6	1013·3	1015·2	− 1·0	300·5	305·2	7th	292·6	286·3	1st	296·6	+1·2	*296·7*	31	− 52
522	Washington	38 54	77 3	34·1	1009·6	1013·5	− 2·2	297·8	306·9	28th	286·7	280·8	10th	292·3	+1·3	*292·2*	58	− 34
524	Bermuda	32 18	64 46	46·0	1012·3	1017·7	0·0	295·9	298·3	30th	289·7	286·0	22nd	292·8	−1·2	*292·9*	42	− 69
530	Santa Cruz (Flores)	39 27	31 9	28	1017·9	1021·0	− 0·5	293·2	296·6	11th	286·9	283·3	17th	290·0	+0·1	*289·8*	106	+ 1
531	Horta	38 32	28 38	63	1014·0	1021·2	+ 0·5	292·8	296·4	23rd	287·9	284·8	6th	290·3	−0·6	*289·4*	23	− 53
532a	Ponta Delgada	37 44	25 40	22	1019·4	1021·2	+ 0·5	292·4	295·7	29th	288·0	284·3	8th	290·2	+0·7	290·2	..	..
533	Faja da Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	..	..
534	Madeira (Funchal)	32 37	16 54	25	1016·1	1019·0	+ 0·2	292·2	295·8	22nd	287·9	285·1	10th	290·1	−0·7	*290·1*	125	+ 99
535	Lisbon	38 43	9 9	95	1004·2	1015·6	− 0·2	293·8	302·6	19th	286·7	281·6	8th	290·3	+0·4	*289·8*	43	− 8
536	Gibraltar	36 6	5 21	16·2	1014·2	1016·1	+ 1·0	294·5	300·4	22nd	287·4	284·3	8th	290·9	−0·6	*290·7*	30	− 15
536a	Melilla	35 18	2 59	8	1019·7	1020·6	+ 3·4	295·9	299·4	15th	285·3	282·4	3rd	290·6	−1·2	*292·5*	1	− 28
		N.	W.															
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Estimates not based on at least six equally-spaced observations each day are in *italics*.

MAY—ZONE 5 (Eastern Half).

Table representing the Meteorology of the Globe between Latitude 40° N. and 30° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
		N.	E.															
537	Palma	39 34	2 38	23	1011·8	1014·5	− 0·6	295·9	301·4	21st	287·3	283·6	9th	291·6	+0·5	..	48	+ 8
538	Algiers (Bouzaréah)	36 48	3 2	344	974·3	1014·5	− 0·7	293·7	303·9	3rd	286·3	281·8	10th	290·0	+0·6	289·5	61	+ 15
539	Tunis	36 48	10 10	33	..	..	..	297·8	310·0	7th	286·9	282·4	12th	292·3	0·0	*292·3*	33	+ 8
539a	Malta	35 53	14 30	58·8	..	1014·8	− 0·7	295·2	299·8	9th	289·4	287·9	16th	292·3	+0·9	*291·4*	2	− 7
540	Riposto	37 41	15 14	14·2	..	1016·3	+ 1·2	294·4	296·9	9th	287·5	285·5	2nd, 15th	290·9	−1·4	*289·7*	16	+ 5
541	Athens	37 58	23 43	107	1001·3	1013·9	+ 0·5	297·6	301·6	7th	289·3	282·6	22nd	293·4	+0·7	293·3	26	+ 1
542	Alexandria	31 12	29 53	32·0	1010·2	1013·9	+ 0·2	300·4	313·4	29th	292·0	288·2	1st	296·2	+1·4	*294·7*	0	− 1
543	Cairo (Helwan)	29 52	31 20	116	998·7	1011·9	0·0	306·8	319·0	17th	291·3	287·4	24th	299·0	+1·1	298·7	0	− 2
544	Nicosia (P.W.D.)	35 9	33 22	159	993·0	1011·3	− 0·1	303·6	313·6	18th	288·2	283·0	2nd	295·9	+2·1	..	3	− 17
544a	Beirut	33 54	35 28	33·7	..	1011·8	+ 0·7	300·1	314·7	18th	292·6	289·3	9th	296·3	+2·0	..	0	− 11
545	Baghdad	33 21	44 28	38·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
546	Busrah	30 31	47 53	7·6	1007·7	1008·7	− 1·9	309·4	313·4	8th	298·1	295·3	7th	303·8	+1·8	..	0	+ 6
546a	Lenkoran	38 46	48 51	− 19·3	1016·6	1014·3	− 0·1	..	299·9	20th	289·4	285·7	26th	..	+1·7	*292·9*	39	+ 30
547	Teheran	35 41	51 25	1220	..	..	..	300·2	304·9	25th	288·5	283·6	13th	294·3	+0·2	*294·4*	61	− 12
548	Meshed	36 16	59 35	946	..	..	..	300·4	306·0	25th, 26th	284·9	277·9	1st	292·6	+0·3	..	23	..
549	Seistan	31 0	61 30	?	..	..	..	306·1	311·3	26th	292·8	286·5	1st	299·5	..	..	0	..
550	Quetta	30 11	67 3	1677	831·7	..	− 0·1	300·1	306·4	31st	282·5	275·6	1st	291·3	−1·5	*291·4*	19	+ 9
551	Peshawar	34 2	71 37	339	968·6	1006·4	+ 1·4	308·5	315·9	28th	292·2	286·3	2nd	300·3	−1·5	*300·1*	24	+ 8
551a	Lahore	31 34	74 20	214	980·5	1004·3	+ 1·6	311·8	317·3	29th	295·5	288·4	3rd	303·7	−1·3	*303·4*	9	− 11
552	Simla	31 7	77 8	2205	780·5	..	+ 0·5	295·2	299·4	23rd	287·4	281·4	30th	291·3	−0·4	*291·4*	57	+ 6
552a	Leh	34 10	77 42	3503	667·0	..	− 0·6	289·6	293·8	23rd, 31st	274·8	268·7	4th	282·2	−0·9	*281·9*	11	..
559	Hang Kow	30 35	114 17	37·0	1007·9	1012·2	+ 0·7	298·5	307·2	31st	290·8	284·0	2nd	294·7	−0·3	*294·5*	99	− 24
560	Tientsin	39 10	117 10	5·0	1009·5	1010·1	+ 0·5	300·3	309·8	11th	286·6	280·0	7th, 8th	293·5	+0·1	*292·6*	48	+ 10
561	Shanghai (Zi-Ka-Wei)	31 12	121 26	7	..	1012·1	+ 0·8	297·2	305·8	29th	287·6	279·9	8th	292·4	+0·1	291·7	116	+ 25
562	Jinsen (Chemulpo)	37 29	126 37	67·6	1004·7	1012·9	+ 1·3	290·8	297·8	13th	283·4	279·6	7th	287·1	−1·9	286·5	102	+ 26
562a	Nagasaki	32 44	129 52	133	996·8	1012·5	+ 1·4	296·4	301·5	13th	287·3	281·5	8th	291·8	+0·2	291·1	138	− 43
563	Kioto	35 1	135 44	42·9	1007·8	1012·9	+ 1·1	297·0	302·5	15th, 16th	284·0	277·6	5th, 9th	290·5	+1·1	290·6	100	+ 17
564	Tokio	35 41	139 45	21·3	1010·4	1012·9	+ 1·5	294·8	299·2	31st	285·7	280·1	9th	290·2	+0·4	289·9	135	+ 3
565	Kanayama	37 53	140 46	24·6	1010·0	1012·9	+ 0·9	292·7	300·6	6th	281·6	274·5	5th	287·1	−0·2	287·0	103	+ 30
566	Miyako	39 38	141 59	30·4	1008·9	1012·5	+ 0·9	291·1	299·0	10th	280·8	274·7	4th	285·9	−0·2	285·2	88	
		N.	E.															

MAY—ZONE 6. Between Latitude 30° N. and 20° N.

		N.	W.															
605	Honolulu	21 19	157 52	11·6	1017·0	1018·3	+ 0·9	299·6	301·3	..	294·4	291·9	..	297·0	+0·2	*297·3*	49	+ 9
606																		
615	Zacatecas	22 47	102 35	2610	..	..	..	..	..	..	..	..	..	..	..	..	..	..
616	Leon	21 7	101 41	1800	..	..	..	..	..	..	..	..	..	..	..	..	..	..
617	Tulancingo	20 5	98 22	2180	..	..	..	..	..	29?0·0	..	283·0	..	..	+1·7	292·9	26	+114
618	Galveston	29 18	94 50	16·5	1011·6	1013·9	− 0·2	299·1	301·9	30th	294·7	287·4	18th	296·9	−0·5	*296·6*	205	+ 88
618a	New Orleans	29 58	90 4	16·2	..	1014·2	− 0·7	302·7	308·0	27th	293·4	286·3	18th	298·1	+1·5	*298·2*	202	− 94
619	Havana	23 8	82 21	24·3	..	1014·3	− 0·1	302·2	306·2	19th	295·9	292·5	1st	299·1	+0·6	*299·0*	21	− 69
620	Key West	24 33	81 48	6·7	1013·4	1014·2	− 0·8	301·9	304·1	20th	296·2	293·0	28th	299·1	−0·3	*298·8*	68	+ 92
621	Nassau, Bahamas	25 5	77 21	3·7	..	..	..	..	..	..	295·7	293·3	2nd	..	− 0·5	*297·8*	236	..
622	Watling Island	24 6	74 26	33·5	1011·0	1014·9	− 1·0	..	301·9	16th	..	294·1	1st, 2nd	..	..	*298·5*	..	..
633	Izaña	28 19	16 30	2367	767·8	..	..	286·7	291·8	24th	278·1	271·6	16th	282·4	..	282·0	6	+ 6
634	La Laguna	28 28	16 20	547	953·7	1017·0	− 1·5	292·5	302·4	22nd	284·4	280·9	1st	288·4	−0·9	*287·8*	24	..
636	Colomb-Béchar	31 38	W 2 13	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
637	Timimoun	29 9	E 0 10	?	..	..	..	309·9	315·2	29th	291·3	288·0	4th	300·6	..	*301·2*	0	..
641	Siwa	29 12	25 29	− 23	..	..	..	..	..	..	..	..	..	..	..	..	..	..
642																		
643	Aswan	24 2	32 53	99·6	996·8	1007·9	− 1·7	312·9	320·0	17th	297·0	293·8	24th	305·0	+1·6	*304·0*	..	..
644	Tor	28 13	33 37	1·9	1008·8	1009·0	− 0·8	304·1	312·6	17th	293·9	290·6	8th	299·0	+1·0	*298·5*	..	..
647	Bushire	28 59	50 53	4·3	1006·8	1007·4	− 0·6	304·9	308·9	18th, 21st	298·7	293·8	10th	301·8	+0·8	*301·2*	0	− 1
648	Jask	25 44	57 47	4·0	1005·7	1006·1	− 0·3	306·9	310·9	25th	298·5	294·2	2nd	302·7	+0·1	*302·1*	0	..
649	Robat	29 45	60 55	?	999·8	..	..	308·9	313·7	26th	?295·1	290·7	20th	?302·0	..	..	0	..
649a	Karachi	24 53	66 57	4·0	1005·8	1006·3	+ 0·5	305·2	314·6	22nd	298·2	294·7	2nd	301·7	+0·1	*301·1*	0	− 1
650	Hyderabad, Sind	25 24	68 18	29·3	1001·4	1004·6	+ 0·6	314·4	319·7	25th	298·1	289·7	2nd	306·3	−0·4	*305·7*	0	+ 11
650a	Jacobabad	28 17	68 29	50·7	998·1	1004·3	+ 1·7	316·3	322·2	29th	298·1	289·8	2nd	307·2	−0·9	*306·8*	14	+ 19
651	Jaipur	26 56	75 52	436	957·1	1004·1	+ 0·2	314·2	317·7	21st	298·6	291·9	4th	306·4	−0·2	*306·0*	5	+ 16
652	Nagpur	21 8	79 5	310	970·9	1004·3	+ 0·2	315·6	318·3	18th, 22nd	300·7	295·7	7th	308·2	−0·2	*307·6*	35	..
653	Allahabad	25 25	81 51	94·1	993·0	1003·3	+ 0·1	315·7	319·7	27th	299·1	293·4	4th	307·4	+0·3	*307·0*	1	− 59
653a	Darjiling	27 3	88 18	2266	775·3	..	+ 0·2	293·4	297·0	18th	285·2	281·7	7th	289·3	+1·8	*289·4*	133	+ 48
654	Calcutta	22 36	88 23	6·4	1004·4	1005·1	0·0	309·8	313·8	1st	299·7	293·8	10th	304·8	+1·7	*304·5*	98	+ 46
655	Gauhati	26 8	91 41	59·7	1001·0	1007·7	0·0	304·3	308·0	17th	295·7	291·4	27th	300·0	+0·4	*298·9*	148	+ 17
655m	Cherrapunji	25 15	91 42	1314	866·9	..	+ 0·2	296·8	299·5	16, 17, 18	289·6	284·4	28th	293·2	+1·2	*292·5*	2584	+ 73
655a	Akyab	20 11	92 56	6·1	1006·8	1007·5	0·0	305·3	306·4	19th	298·0	293·9	7th	301·7	−0·5	*302·0*	318	+ 71
656	Mandalay	21 59	96 0	76·2	998·8	1007·3	+ 0·1	312·8	317·2	1st	300·1	296·1	6th	306·4	+1·6	*306·1*	66	− 39
656a	Tengyueh	24 59	98 35	1633	831·7	..	..	297·7	301·3	16th, 17th	286·1	283·0	8, 9, 12	291·9	..	*291·6*	89	− 3
657	Phu Lien	20 48	106 37	116	994·5	1007·8	− 0·2	303·2	306·6	15th	296·4	294·1	2nd	299·8	+0·4	299·0	165	− 36
658	Moncay	21 31	107 51	9	1007·1	1008·1	+ 0·3	303·0	306·0	16th, 29th	296·5	293·9	3rd, 25th	299·7	+0·1	*300·0*	232	+ 31
659	Hong Kong	22 18	114 10	33·2	..	1009·8	+ 0·4	301·3	305·5	28th	296·6	294·1	3rd	298·9	+0·7	298·6	329	− 118
660	Amoy	24 27	118 4	ca.3	..	..	..	..	..	..	..	..	..	..	..	..	..	− 303
661	Taihoku, Formosa	25 2	121 31	9·3	1010·0	1011·0	+ 0·6	303·3	306·7	17th	294·2	290·7	8th	298·8	+1·3	298·2	111	− 14
661a	Santo Domingo	20 28	121 59	18·7	..	1008·5	− 0·1	..	..	..	..	..	..	..	+1·3	*301·5*	42	..
662	Naha	26 13	127 41	10·5	1011·0	1012·2	+ 1·3	301·9	304·7	18th	294·1	288·7	9th	298·0	+1·5	297·6	240	− 178
665	Titizima (Bonin Islands)	27 5	142 11	4·0	1014·1	1014·6	+ 1·5	300·7	305·0	30th	293·7	289·7	10th	297·2	+0·9	296·7	20	..
		N.	E.															
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Estimates not based on at least six equally-spaced observations each day are in *italics*.

Table representing the Meteorology of the Globe between Latitude 20° N. and 10° N.

MAY—ZONE 7.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
		N.	W.															
715	Zapotlanejo	19 38	103 37	1529	..	..	..	..	..	..	..	..	..	..	..	..	..	..
716	Morelia	19 42	101 0	1933	..	..	..	..	..	..	..	..	..	..	..	..	..	..
717	Mexico	19 26	99 8	2259	778·5	..	− 1·0	299·6	303·4	15th	284·7	281·3	9th, 10th	292·1	+0·9	291·7	32	− 14
718	Oaxaca	17 4	96 44	1563	..	..	..	..	..	..	..	..	..	..	..	..	..	..
718a	Salina Cruz	16 12	95 16	56·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
719	San Salvador	13 42	89 12	684	936·3	1012·6	+ 0·6	299·0	311·6	3rd	294·0	289·3	16th	296·5	−0·4	*296·9*	114	− 53
720	Belize	17 29	88 12	5·2	..	..	..	..	303·6	..	..	296·3	..	..	..	..	161	+ 15
721	Jamaica (Negril Point)	18 15	78 23	10·1	..	1012·5	− 0·1	302·4	303·9	21st	295·6	293·8	28th	299·0	−0·2	*299·3*	221	+ 72
722	Port au Prince	18 34	72 22	37·4	1009·4	1013·7	+ 0·3	305·4	307·9	19th	295·8	293·6	10th	300·6	+0·5	299·6	243	− 1
723	Caracas	10 31	66 56	1010	900·0	..	− 0·2	300·6	303·5	14th	286·6	286·8	18th	295·1	−0·3	*293·8*	44	− 27
723a	St. Croix (Christiansted)	17 45	64 42	6·6	..	..	..	301·8	303·1	18th, 19th	298·3	296·5	2nd	300·1	0·0	*299·6*	73	− 47
724	Montserrat	16 41	62 9	39·6	1009·9	1014·6	− 0·3	304·6	306·3	2nd	295·9	293·0	2nd	300·3	..	*299·7*	184	..
725	Grenada (Richmond Hill)	12 3	61 45	155	994·4	1012·3	− 0·2	302·9	304·1	4, 16, 28	296·8	295·2	30th	299·9	+0·5	*299·5*	89	− 29
726	Barbados	13 8	59 36	55·2	..	1014·1	+ 0·2	303·7	304·5	24th	295·6	294·0	24th	299·7	+0·4	*299·7*	81	+ 10
731	St. Vincent, C. Verde Is.	16 54	25 4	11	1013·1	1014·4	− 0·2	297·4	299·2	6th, 7th	293·6	291·0	6th	295·5	0·0	*296·0*	0	0
733	San Tiago, C. Verde Is.	14 54	23 31	?40	1009·4	1014·0	− 0·6	299·7	302·7	7th	294·1	292·6	6th	296·9	−0·1	*296·8*	0	0
734	Bathurst	13 24	16 36	1·5	..	1013·8	+ 0·4	302·2	306·3	5th, 28th	291·0	289·1	1, 14, 21	296·6	−1·1	*296·4*	0	− 5
735	M'Carthy Island	13 42	14 46	1·1	..	..	..	317·7	318·6	3, 16, 20	294·0	293·0	sev. dates	305·8	+0·9	..	0	− 11
736	Ségou	13 34	6 17	300	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Timbuctoo	16 43	W 3 1	270	..	..	..	315·3	318·0	13, 14, 30	297·9	295·8	1st, 25th	306·6	−1·1	*306·5*	2	..
737	Sokoto	13 2	E 5 14	353	..	..	..	312·9	316·9	15th	298·0	292·4	31st	305·4	+0·1	..	33	− 17
738	Kaduna Junction	10 50	7 25	640	..	..	..	304·6	308·6	3rd	293·6	291·9	23rd	299·1	−0·3	..	132	− 54
739	Katagum	12 17	10 22	30·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
740	Maiduguri	11 47	13 11	361	..	..	..	314·7	321·3	12th	298·3	294·7	25th	306·5	+0·4	..	38	+ 10
743	El Obeid	13 11	30 14	569	944·3	1006·5	− 0·8	311·7	314·5	2nd	294·2	291·1	12th	303·0	−0·1	*302·8*	4	− 7
743a	Khartoum	15 37	32 33	390	962·7	1004·7	− 1·4	314·4	317·1	17th	298·2	291·4	2nd	306·3	0·0	*305·6*	14	+ 11
744	Port Sudan	19 37	37 13	5·9	1006·7	1007·4	− 1·1	308·2	315·5	16th	296·0	292·9	9th	302·1	0·0	*301·9*	0	− 1
745	Berbera, Somaliland	10 22	45 2	10·1	..	1007·7	− 1·0	307·6	314·7	28th	299·6	296·9	5th	303·6	−0·9	*302·9*	0	− 8
746	Aden	12 45	45 3	28·7	1004·4	1007·6	− 1·7	306·1	309·6	26th	300·5	297·9	31st	303·3	−0·3	*302·6*	0	− 3
751	Bombay	18 54	72 49	11·3	1007·1	1008·3	− 1·2	305·9	307·2	28th	300·2	298·3	6th	303·1	+0·3	*302·5*	2	− 16
751a	Cochin	10 58	76 21	2·7	1008·3	1008·5	− 1·4	305·3	306·8	12th	298·6	285·6	1st	301·9	+0·3	*301·3*	313	+ 24
752	Kodaikanal	10 14	77 28	2343	770·2	..	− 0·8	294·3	296·2	1st	295·6	284·1	19th	289·9	+0·3	*289·1*	188	+ 39
752a	Bangalore	12 59	77 38	920	908·1	1007·2	− 0·9	306·3	309·7	3rd	293·7	291·7	5th	300·0	+0·1	*298·9*	174	+ 64
753	Madras	13 4	80 14	6·7	1006·0	1006·7	− 0·3	308·9	312·7	5th	300·3	298·1	12th	304·6	−0·6	*303·9*	1	− 27
754	Waltair	17 45	83 16	68·9	998·9	1006·5	+ 0·6	307·3	309·0	3rd	300·3	298·7	12th	303·8	+0·6	*303·2*	5	− 54
755	Port Blair	11 40	92 40	17·7	1005·9	1007·9	− 1·0	304·1	306·2	10th	298·6	296·6	2nd	301·3	−0·3	*300·7*	487	+ 58
756	Rangoon	16 46	95 48	5·5	1007·9	1008·5	+ 0·2	305·6	309·7	9th	297·7	296·3	23rd	301·6	−0·6	*300·3*	227	− 83
757	Saigon	10 47	106 42	11·2	1006·3	1007·5	− 0·4	306·2	309·4	2nd	297·1	295·4	21st	301·7	−0·5	*301·1*	178	− 25
758	Nhatrang	12 15	109 12	3·6	1006·8	1007·2	− 0·6	304·6	306·4	23rd, 24th	296·6	295·7	18th	300·6	−1·1	*300·1*	76	+ 12
759	Bolinao	16 24	119 53	9·7	..	1007·7	− 0·6	307·4	310·9	10th	297·6	294·9	6th	302·5	+0·2	302·0	148	− 31
761	Vigan	17 34	120 23	12·2	..	1007·8	− 0·8	307·0	308·8	5th	297·6	295·5	13th	302·3	+0·1	301·8	89	− 69
761a	Manila	14 35	120 59	14·2	..	1008·1	− 0·6	306·4	308·5	21st	296·3	295·0	23rd	301·3	−1·0	300·4	40	− 65
762	Ormoc	11 0	124 36	5·6	..	1007·9	− 0·8	303·7	305·2	17, 18, 22	295·8	294·1	22nd	299·7	−0·4	*299·3*	260	+ 172
765	Guam, Ladrone Is.	13 24	144 38	20·4	..	1007·5	− 1·8	302·2	304·0	20th	297·2	295·2	2nd, 10th	299·7	−1·0	*300·0*	479	+ 375
		N.	E.															

Between Latitude 10° N. and 0°.

MAY—ZONE 8.

		N.	W.															
805	Fanning Island	3 55	159 23	4·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
822	Colon	9 23	79 23	7·6	..	1010·5	0·0	303·5	305·2	11th	297·6	295·2	27th	300·6	+0·8	*300·2*	239	− 84
822a	Bogota	4 36	74 0	2645	..	..	..	..	..	..	..	..	..	..	..	..	..	..
824	Merida	8 36	71 10	1641	841·1	..	..	298·2	301·4	8th	289·1	286·5	21st	293·6	..	*292·4*	95	− 69
825	El Peru, Guayanavieja	7 30	62 0	220	985·6	1010·5	− 0·3	304·9	306·5	4th	295·3	294·1	5th, 19th	300·1	+0·9	*299·5*	49	− 34
825a	Georgetown, Brit. Guiana	6 50	58 12	1·8	..	1013·1	− 1·4	302·3	304·1	3rd	297·3	295·8	7th	299·8	+0·1	*299·4*	301	− 101
826	Paramaribo	5 49	55 9	3·7	1011·8	1012·2	− 0·8	303·7	305·5	9th	296·0	294·8	8th, 22nd	299·9	+0·4	*298·5*	287	+ 14
826a	Cayenne	4 56	52 21	6	..	..	..	302·9	305·4	3rd	296·0	294·4	28th	299·5	0·0	*300·4*	677	− 29
833	Conakry	9 31	13 43	16	1009·2	1011·0	+ 0·7	305·7	308·4	..	297·4	294·0	..	301·5	+0·7	*301·0*	161	+120
834	Freetown, Sierra Leone	8 30	13 9	68·3	1003·7	1011·5	− 0·2	304·6	306·9	6th	297·6	294·1	30th	301·1	+0·4	*300·6*	82	− 26
835	Cape Coast Castle	5 5	1 13	?	..	..	..	..	..	..	297·5	289·7	1st	300·3	..	..	140	− 204
836	Accra	5 12	W 0 12	18	..	..	..	304·2	306·3	1st	296·8	294·1	17th	300·5	+0·8	*300·0*	109	− 50
837	Lagos	6 27	E 3 24	1·8	1012·1	1012·3	− 0·1	304·2	305·4	..	297·4	294·2	..	300·8	+0·5	*300·3*	177	− 37
838	Zungeru	9 49	6 10	130	994·5	1009·3	− 1·9	307·8	309·7	17, 22, 25	294·8	293·0	sev. dates	301·3	−0·5	..	190	− 86
838a	Libreville	0 23	9 26	35	1005·3	1009·3	..	305·5	307·5	5th	296·1	295·0	4, 16, 20	300·8	+1·2	*300·2*	519	+ 67
839	Yola	9 12	12 30	259	..	..	..	308·1	312·4	4th	296·4	293·0	23rd	302·3	−0·2	..	138	+ 283
841	Wau	7 42	28 3	440	959·1	1008·0	− 0·4	307·5	312·0	7th	294·9	292·5	1st	301·2	−0·3	*299·8*	129	+ 25
843	Mongalla	5 11	31 47	439	959·5	1008·2	− 0·4	305·3	309·0	1st, 7th	293·8	285·5	15th	299·6	−0·7	*298·4*	172	− 10
843a	Malakal (Kodok)	9 35	31 37	394	..	..	..	309·1	312·0	1st	295·5	292·0	sev. dates	302·3	−0·4	*300·4*	111	+ 35
844	Entebbe	0 5	32 29	1171	883·8	..	− 0·3	299·0	300·2	28th	290·9	288·6	28th	294·9	+0·5	*294·2*	101	+ 45
851	Harrar	9 42	42 30	1856	..	..	..	..	..	..	..	..	..	..	..	..	..	−115
852	Minicoy	8 17	72 49	2·1	1009·4	1009·6	− 0·6	..	..	..	..	..	..	..	..	..	..	..
853	Colombo Observatory	6 54	79 53	7·3	1006·6	1007·4	− 0·7	303·5	304·8	3rd	296·9	293·7	19th	300·2	−1·0	*299·6*	131	− 14
854	Nuwara Eliya	6 59	80 47	1886	..	..	..	295·3	297·6	2nd	284·4	281·5	13th	289·9	+0·4	*289·1*	787	+476
855	Trincomalee	8 34	81 14	30·2	1002·3	1005·7	− 0·1	308·1	311·1	1st	298·3	295·3	30th	303·2	+0·1	*302·6*	229	+ 57
856	Kota Radja	5 32	95 20	7·1	..	1008·6	− 1·1	..	..	..	..	..	..	..	..	..	234	+172
857	Medan	3 35	98 41	25·0	..	1008·4	− 1·2	303·8	305·9	19th	295·7	294·6	7th	299·7	..	299·1	302	+147
	Penang	5 34	100 20	6·3	1008·0	1008·7	− 1·2	304·8	306·9	5th	296·4	295·2	30th	300·6	−0·5	*300·1*	376	+196
858	Singapore	1 17	103 51	3·0	1008·0

MAY—ZONE 9. Table representing the Meteorology of the Globe between Latitude 0° and 10° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
905	Malden Island	4 2	155 1	7·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
921	Quito	0 10	78 35	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
924	Manaos	3 8	60 1	44·9	1006·6	1011·8	— 1·0	303·4	306·6	28th	296·3	295·2	17th	299·9	−0·7	*299·1	164	+ 6
926	Taperinha	2 30	54 42	20·0	1009·7	1012·0	..	..	..	..	..	..	..	..	..	..	268	..
927	Turyassu	1 43	45 27	15·0	1010·0	1011·7	— 0·2	304·1	306·6	13th	295·1	294·1	17th	299·6	−0·6	*298·1	296	+ 22
928	Barra do Corda	5 31	45 16	81·0	1001·9	1011·3	+ 0·4	304·9	306·4	1st	292·3	289·3	26th	298·6	0·0	*297·5	14	− 47
929	Quixeramobim	5 16	39 15	207	989·3	1012·9	+ 0·3	302·1	303·3	6th	295·8	294·0	12th	298·9	−0·8	*298·7	136	+ 43
930	Fernando Noronha	3 50	W32 55	95·0	1000·2	1011·2	— 1·5	300·5	301·4	3rd	297·0	294·3	8th	298·7	..	*298·6	146	− 73
939	Loanda	8 49	E 13 13	59·3	..	1010·6	— 1·3	300·1	302·9	11th	295·3	291·0	30th	297·7	+0·2	297·5	9	+ 1
940	Brazzaville	4 17	15 16	290	975·5	1008·3	..	303·8	309·0	1st	293·5	290·5	30th	298·7	−0·2	*298·0	197	+ 47
943	Masaka	0 21	31 47	?1280	..	..	..	296·9	299·1	22nd, 29th	288·6	287·4	5th, 21st	292·7	+0·1	*292·6	80	− 83
944	Nairobi	1 15	36 44	1800	..	..	..	295·8	298·0	6th	285·8	282·4	28th	290·8	+0·4	..	206	+ 56
944a	Zanzibar	6 10	39 11	21·9	1012·8	1015·2	— 0·8	301·4	303·1	9th	297·1	295·9	31st	299·2	+0·1	*298·8	110	− 180
945	Lamu	2 16	40 54	3·1	..	..	..	303·6	304·7	8th	298·0	296·3	23rd	300·8	+0·5	*300·4	241	− 193
947	Seychelles, Port Office	4 37	55 27	4·6	1009·2	1009·8	— 1·1	302·0	303·1	9th	298·8	296·9	30th	300·4	0·0	*299·9	205	+ 51
957	Padang	0 56	100 22	6·7	..	1009·0	— 1·7	304·1	305·9	5th	296·9	295·5	10th	300·5	..	299·9	260	− 61
958	Batavia	6 11	106 50	8·0	1008·1	1009·0	— 0·5	303·7	304·8	8, 17, 23	296·3	294·3	15th	300·0	+0·1	299·6	89	− 13
958a	Pontianak	0 1	109 20	2·6	..	1009·1	— 0·6	304·3	306·9	13th	296·6	295·0	4th	300·5	..	299·8	161	− 109
959	Passeroean	7 38	112 55	5·0	..	1009·3	— 0·6	304·1	305·3	7th	293·5	290·2	14th	298·8	−0·4	299·1	4	− 87
960	Kajoemas	7 56	114 9	1060	..	..	..	297·5	299·7	18th	290·4	288·4	13th	293·9	..	293·2	7	− 147
962	Ambon	3 42	128 10	4·2	..	1009·0	— 0·2	302·2	303·7	16th	296·1	294·5	8th	299·1	+0·6	298·8	550	+ 34
963	Manokwari	0 52	134 20	19·0	..	1007·5	— 1·1	..	..	..	..	..	..	..	..	..	185	− 52
965	Daru	9 4	143 13	7·6	..	1009·3	— 1·4	301·8	..	..	..	..	..	..	..	..	175	− 97
966	Port Moresby	9 29	147 9	39·0	..	1009·5	— 1·1	303·1	..	..	296·7	..	..	299·9	−0·2	*299·5	54	− 14
967																		
968	Rendova	8 30	157 12	1·8	1009·1	1009·3	+ 0·1	..	..	..	..	..	..	..	..	..	465	+141
969	Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	1009·9	1010·1	+ 0·3	303·8	305·8	8th, 24th	298·3	294·1	16th	301·1	+0·6	*300·7	376	+192
970	Ocean Island	0 52 S.	169 35 E.	25·6	1004·7	1007·7	— 0·4	304·0	305·1	25th	297·2	295·2	13th	300·6	−0·2	*299·9	24	−130

MAY—ZONE 10. Between Latitude 10° S. and 20° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		S.	W.															
1002	Apia, Samoa	13 48	171 46	2	..	1011·8	+ 0·9	302·5	304·4	14th	296·1	295·1	13th	299·3	+0·1	298·5	366	+231
1003	Alofi, Niue Island	19 2	169 55	36·6	..	..	..	302·6	304·7	5th	292·8	289·7	30th	297·7	..	*297·1	91	− 63
1007	Makatea	15 47	148 14	47	1007·7	1013·1	..	303·2	305·1	..	295·4	293·1	..	299·3	..	*298·8	46	− 74
1021	Arequipa	16 22	71 33	2451	761·5	..	— 0·2	292·8	295·5	7th	281·7	279·1	17th	287·3	0·0	*286·9	0	0
1022	Puerto de Arica	18 28	70 20	5	..	..	..	293·5	294·4	9th, 19th	287·2	285·4	27th, 28th	290·3	+1·5	*292·1	0	0
1023																		
1024	Sucre, Bolivia	19 30	64 24	2848	720·5	..	..	290·5	294·2	11th	278·0	274·8	30th	284·3	..	*284·5	1	− 6
1025	Corumba	19 0	57 39	116	998·4	1011·7	— 1·2	310·1	312·0	30th, 31st	..	..	..	..	..	*299·4	155	+ 70
1026	Cuyaba	15 36	56 6	165	993·4	1012·3	+ 0·2	303·5	306·2	13th	296·2	293·6	7th	299·9	+0·6	*299·2	47	− 2
1027	Bello Horizonte	19 55	43 55	857	921·4	1018·1	+ 0·8	296·5	299·0	19th	285·5	282·0	13th	291·0	−0·2	*291·3	58	+ 44
1028	Caetite	14 2	42 36	900	917·2	1018·0	— 1·2	297·4	301·7	2nd	289·2	286·8	26th	293·3	−0·8	*293·2	68	+ 24
1029	Ondina (Bahia)	13 0	38 30	47·0	1009·2	1014·6	— 0·1	301·2	304·5	1st	295·5	293·8	30th	298·3	+0·1	*297·9	261	− 58
1030	Aracaju	10 55	37 3	4·0	1013·9	1014·3	— 0·2	303·0	305·5	1st	297·4	296·2	sev. dates	300·2	+0·6	*299·9	101	− 5
1035	St. Helena	15 57	W 5 40	632	945·4	1016·9	— 0·5	294·6	296·9	6th, 7th	286·8	282·4	8th	290·7	+0·2	*290·5	113	+ 10
1042	Gwelo	19 28	E 29 47	1417	863·2	..	— 1·0	297·4	303·0	6th	..	..	..	..	..	..	0	− 29
1043	Salisbury, Rhodesia	17 48	31 5	1457	858·2	..	— 1·6	297·1	303·0	7th	280·4	274·1	24th	288·8	−0·1	..	44	+ 31
1044	Zomba	15 23	35 18	?945	909·4	1015·1	— 1·2	296·7	303·6	6th	285·7	281·9	28th	291·2	−0·5	*290·5	58	+ 18
1045	Tananarivo	18 55	47 32	1400	864·6	..	— 1·5	295·2	299·0	8th	284·8	281·4	18th	290·0	+0·2	*289·2	30	..
1046	Sainte-Marie	17 0	49 51	15	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1055	Cocos Keeling Is.	12 5	96 53	4·6	1011·1	1011·6	— 0·1	301·9	303·3	11th	297·6	295·8	2, 7, 26	299·7	−0·5	*299·3	342	+134
1056																		
1057	Christmas Island	10 25	105 43	5·5	1007·6	1008·2	— 0·3	304·7	305·8	..	296·7	294·1	..	300·7	+0·3	*300·2	39	−203
1058																		
1061	Koepang	10 10	123 34	45·1	..	1009·9	— 0·5	305·3	307·7	16th	295·0	292·4	9th	300·1	..	299·5	1	− 36
1061a	Derby	17 18	123 40	10·2	1010·7	1012·6	— 1·0	305·9	308·6	3rd, 4th	292·9	287·4	7th	299·4	+1·2	..	0	− 25
1062	Hall's Creek	18 13	127 46	374	971·3	1012·9	— 2·4	305·3	308·0	12th, 13th	287·8	280·2	5th	296·6	+2·2	..	2	− 17
1063	Port Darwin	12 28	130 51	29·6	1006·6	1010·0	— 0·9	306·3	307·6	11, 14, 16	296·1	293·6	6th	301·2	+0·6	*300·0	0	− 3
1064	Daly Waters	16 16	133 23	211	986·8	1010·5	— 2·5	304·7	307·4	13th, 17th	290·7	286·3	8th	297·7	+1·0	*297·0	7	+ 4
1065	Mein	13 13	142 47	122	996·1	1009·9	— 0·9	302·1	304·7	7th	293·0	289·1	28th, 29th	297·6	−0·3	*297·0	53	− 7
1066	Georgetown, Queensland	18 22	143 32	302	979·6	1013·6	— 0·6	302·6	304·7	13th	288·9	281·9	27th	295·7	0·0	..	3	+ 62
1067	Samarai	10 37	150 40	15·2	..	..	..	301·4	..	..	296·9	..	..	299·2	+0·1	*298·8	371	+103
1072	Suva, Fiji	18 8 S.	178 26 E.	16·8	1011·2	1013·0	— 1·4	300·5	304·9	10th	295·1	293·1	19th	297·8	+0·1	*297·4	361	+102
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Estimates not based on at least six equally-spaced observations each day are in *italics*.

Table representing the Meteorology of the Globe between Latitude 20° S. and 30° S. MAY—ZONE 11.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1105 1106	Rarotonga (Avarua)	21 12	159 47	6	..	..	..	299·6	301·9	2, 3, 12	294·1	290·2	28th	296·8	+0·6	*296·4	105	− 58
1121	Punta Tortuga, Coquimbo	29 56	71 21	27	1013·9	1017·1	+ 0·5	289·2	292·6	20th	279·9	278·0	18th	284·5	0·0	*286·3	2	− 32
1122	Iquique	20 12	70 11	9	1015·1	1016·2	+ 0·9	293·6	294·8	8th	286·2	284·0	24th	289·9	−0·1	*290·2	0	0
1123	Catamarca	28 27	65 47	510	..	1012·7	0·0	297·7	304·3	10th	283·7	277·9	29th	290·7	+1·3	*290·1	11	− 1
1124	Salta	24 46	65 28	1178	885·1	1013·5	+ 0·9	294·4	301·6	21st	280·1	273·4	25th, 26th	287·3	+0·6	*287·5	7	− 2
1125	Goya	29 9	59 15	26	..	1014·7	— 1·5	295·9	303·5	12th	285·9	279·5	26th	290·9	+0·9	*290·1	157	+ 87
1126	Asuncion	25 21	57 37	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1127 1128	Curityba	25 25	49 17	908	916·1	1019·5	+ 0·1	295·2	300·4	23rd	282·9	276·2	26th	289·1	+1·8	*287·9	13	−103
	Rio de Janeiro	22 54	W43 10	61·4	1010·8	1018·1	+ 1·2	298·2	302·6	25th	292·6	290·9	12th	295·4	+0·4	*295·2	95	+ 11
1139 1140	Windhoek	22 34	E 17 6	1665	..	..	..	293·2	298·6	2nd	282·2	276·9	28th	287·7	−1·9	*287·7	0	− 6
1141 1142	Kimberley	28 42	24 47	1202	885·8	..	— 0·3	292·6	299·5	18th	276·4	270·6	31st	284·5	−1·8	283·9	4	− 18
1142a	Johannesburg	26 11	28 4	1806	823·6	..	— 2·1	290·2	298·6	18th	278·8	270·8	23rd	284·5	−0·9	*284·1	15	− 3
1143	Pretoria	25 45	28 12	1338	871·6	..	..	294·8	299·8	1st	276·0	270·2	26th	285·4	−4·4	..	6	− 43
1144	Durban	29 52	31 3	15·2	1017·3	1019·1	..	290·1	299·1	16, 19, 28	280·2	284·1	sev. dates	291·1	−1·2	*290·5	92	+ 43
1147	Lorenzo Marques	25 58	32 36	59·5	..	1018·3	— 0·8	299·4	306·1	28th	287·5	284·5	10th	293·5	−0·5	293·0	14	− 16
1159 1160	Mauritius	20 6	57 33	55·2	1005·9	1012·4	— 4·0	298·6	300·4	10th	293·3	290·6	13th	295·9	+0·3	295·6	190	+113
1161	Onslow	21 43	114 57	4·3	1012·0	1012·5	— 2·1	303·2	309·2	2nd	288·5	283·4	19th	295·8	+0·7	..	22	− 15
1162	Peak Hill	25 38	118 47	588	947·5	1013·6	— 2·8	298·2	304·2	5th	280·5	281·9	16th	292·3	+1·6	..	41	+ 18
1163	Nullagine	21 53	120 5	386	970·5	1013·9	— 1·9	301·7	307·1	12th	285·9	278·0	8th	293·8	+0·7	..	50	+ 37
1164	Laverton	28 40	122 23	466	963·7	1016·8	— 2·6	297·2	304·1	8th	283·0	276·4	18th	290·1	+1·4	..	30	+ 5
1164a	Alice Springs	23 38	133 37	587	950·0	1015·9	— 2·4	298·7	303·6	11, 12, 13	284·7	280·8	6, 7, 15	291·7	+3·4	291·6	1	− 16
1164a	Boulia	22 55	139 38	146	997·5	1014·2	— 1·7	303·6	305·4	16th	285·3	279·8	29th	294·4	+1·7	..	0	− 10
1165 1166	Thargomindah	27 58	143 43	123	1003·1	1017·5	..	298·4	303·0	11, 12, 13	285·8	279·1	29th	292·1	..	..	0	..
1167	Mitchell	26 32	147 52	336	..	..	..	297·8	301·6	13th	281·2	273·0	30th	289·5	+2·0	..	0	− 39
1168	Rockhampton	23 24	150 30	11·3	1015·3	1016·6	— 1·0	299·6	303·3	15th	288·7	282·8	27th	294·2	+0·9	293·5	4	− 37
1169	Brisbane	27 28	153 2	11·6	1017·9	1019·2	+ 0·4	296·2	299·9	14th	285·9	280·1	30th	291·1	+0·1	290·4	25	− 50
1170	Quitchambo	21 52	166 3	38	1007·9	1012·3	..	300·2	303·9	25th	287·5	284·0	23rd, 29th	293·9	..	..	152	+ 54
	Norfolk Island	29 5 S.	167 53 E.	15·2	1014·4	1015·8	— 2·0	294·1	295·7	27th	289·9	286·9	15th	292·0	+0·4	291·6	291	+157

Between Latitude 30° S. and 40° S. MAY—ZONE 12.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		S.	W.															
1221	Juan Fernandez	33 37	78 50	10	..	..	..	290·7	294·2	3rd	285·8	282·5	28th	288·3	+0·3	288·8	72	− 75
1221a	Punta Tumbes	36 37	73 6	91	1007·2	1018·3	+ 1·7	288·2	297·6	4th	282·2	278·0	31st	285·2	0·0	285·3	37	− 50
1222	Punta Angeles, Valparaiso	33 1	71 38	41	1012·3	1017·1	+ 0·1	290·4	294·7	1st	282·2	279·2	23rd	286·3	−1·0	285·9	18	− 74
1222a	Santiago	33 27	70 42	520	956·8	1018·0	+ 0·9	291·6	303·5	4th	277·9	274·5	11th, 23rd	284·7	+0·6	283·7	22	− 37
1223	Cordoba	31 25	64 12	423	965·4	1014·9	— 0·4	296·3	302·1	..	280·8	271·0	..	288·5	+1·4	287·7	7	− 18
1224	Bahia Blanca	38 45	62 15	25	..	1012·7	— 1·2	291·7	297·7	10th	280·5	273·5	31st	286·0	+1·0	285·5	7	− 24
1225	Buenos Ayres	34 46	58 22	25	..	1016·2	— 0·9	291·8	299·3	13th	281·1	273·2	23rd	286·5	+0·2	286·0	56	− 21
1226a	Montevideo (Prado)	34 53	56 12	24·9	1013·4	1015·2	— 1·3	..	301·0	..	..	274·1	..	..	+0·3	287·1	61	− 37
1239	Rio Grande	32 2	W52 9	2	..	1015·2	+ 0·6	293·5	300·8	11th	286·5	279·8	16th	290·0	+0·6	290·0	82	− 2
1240	Cape Town	33 56	E 18 29	11·3	..	1018·7	+0·6	291·9	300·7	24th	282·7	277·3	30th	287·3	−0·5	285·8	74	− 27
1240	Danger Point	34 37	19 18	19·5	..	..	..	290·0	295·8	19th, 27th	284·0	280·8	24th, 31st	287·0	..	..	59	..
1241	Heidelberg	34 5	20 58	30·5	..	..	..	293·9	302·4	9th	278·7	274·1	30th, 31st	286·3	..	..	24	− 20
1242	East London	33 2	27 53	9·8	1016·9	1018·1	0·0	294·4	304·7	13th	284·4	278·6	31st	289·4	−0·5	..	61	+ 7
1259	Perth (Observatory)	31 57	115 50	60·0	1008·8	1015·9	— 2·6	293·4	302·1	4th	284·9	277·6	13th	289·2	+0·3	..	122	− 2
1260	Katanning	33 42	117 35	310	978·4	1014·8	— 3·8	292·2	303·7	4th	281·9	275·2	13th	287·1	+1·2	..	40	− 12
1261	Coolgardie	30 57	121 10	423	967·3	1016·1	— 3·5	295·1	303·8	7th	281·8	276·2	13th	288·4	+1·2	..	52	+ 17
1262	Eucla	31 45	128 58	4·6	1015·5	1016·0	— 3·0	295·4	305·8	9th	284·2	277·9	14th	289·8	+0·9	..	18	− 14
1263	Streaky Bay	32 48	134 13	13·1	1017·3	1018·9	— 1·9	293·6	301·0	9th	284·3	278·0	6th	288·9	+1·0	..	31	− 18
1264	Adelaide	34 56	138 35	42·7	1014·2	1019·2	— 0·9	292·7	300·6	10th	283·2	278·2	24th	287·9	+0·6	287·7	30	− 39
1265	Melbourne	37 49	144 58	35·1	1015·5	1019·7	+ 0·2	289·8	296·9	10th	280·5	271·8	29th	285·2	−0·1	284·9	24	− 31
1266	Bourke	30 13	145 58	110	1008·3	1021·3	+ 1·6	297·3	304·1	12th	282·8	276·3	16th	290·1	+1·7	..	10	− 17
1267	Sydney	33 52	151 12	44·5	1015·2	1020·4	+ 1·8	292·3	297·5	13th	284·3	279·9	16th	288·3	+0·5	..	57	− 75
1268	Lord Howe Island	31 32	159 4	4·6	1017·9	1018·6	..	293·5	295·5	14th	287·6	283·7	31st	290·5	..	..	106	− 32
1271	Auckland	36 50	174 50	38·1	..	1016·2	..	290·3	293·6	16th	285·3	280·8	19th	287·8	+1·1	..	127	+ 14
1272	Napier	39 32 S.	176 53 E.	21·3	..	1016·6	+ 2·1	290·2	296·1	24th	283·0	277·7	4th, 9th	286·6	+1·4	..	171	+ 69

Between Latitude 40° S. and 50° S. MAY—ZONE 13.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		S.	W.															
1301	Chatham Island	43 52	170 42	104	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1321	Isla Huafo	43 34	74 45	140	996·6	1013·6	+ 0·6	284·2	288·0	6th	280·5	277·6	14th	282·3	+0·3	282·7	92	− 44
1322	Punta Galera	40 1	73 44	40	1012·4	1017·3	+ 2·5	286·8	288·2	sev. dates	281·7	277·0	30th	284·3	+0·5	284·5	285	− 38
1323	Sarmiento	45 30	69 0	274	..	1006·8	..	286·4	294·5	4th, 5th	278·1	270·8	7th	282·3	+2·5	281·8	31	..
1324	Punta Madryn	42 49	W64 58	14	..	1007·4	..	291·4	297·0	12th	278·3	274·0	17th	284·9	+1·5	284·7	8	− 17
1365 1366	Launceston	41 27	E147 10	10·1	1016·1	1017·4	+ 1·3	287·9	292·2	10th	278·7	271·8	24th	283·3	+0·5	..	47	− 21
	Hobart	42 53	147 20	53·9	1008·4	1015·0	— 0·6	286·9	295·0	2nd	279·7	273·0	27th	283·3	+0·1	282·7	31	− 16
1370 1371	Invercargill	46 25	168 21	5·5	..	..	..	285·8	291·3	21st	275·6	269·1	26th, 31st	280·7	+0·1	..	105	− 12
1371a	Dunedin	45 52	170 31	91·4	..	1015·4	+ 2·6	286·3	295·2	20th	278·8	274·7	29th	282·6	+1·3	..	56	− 28
1372	Christchurch	43 32	172 38	7·6	..	1016·8	+ 2·6	286·6	294·4	24th	278·4	272·8	10th	282·5	+0·5	..	121	+ 61
	Wellington	41 16 S.	174 46 E.	2·4	..	1017·2	+ 2·7	288·7	292·9	16th	282·7	276·6	18th	285·7	+1·1	..	91	− 31
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Estimates not based on at least six equally-spaced observations each day are in *italics*.

MAY—ZONE 14. Table representing the Meteorology of the Globe between Latitude 50° S. and 60° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1421	Islota de los Evangelistas	52 24	75 6	55	987·6	994·3	− 6·1	281·3	283·6	5th	277·7	273·0	15th	279·5	+1·1	*279·6*	413	+169
1422	Puerto de Punta Arenas	53 10	70 54	4	992·0	992·5	− 9·3	280·1	285·5	8th	274·9	269·0	17th	277·5	+0·7	*277·5*	76	+ 23
1423	Punta Dungeness	52 24	68 26	5	992·0	992·6	− 7·9	283·0	286·2	1st	275·5	273·2	30th	279·3	+1·1	*279·3*	11	− 6
1424	Santa Cruz	52 22	68 21	12	..	998·0	− 6·3	284·3	292·4	5th	274·9	269·4	17th	279·6	+1·3	279·3	11	− 3
1424a	Año Nuevo	54 39	64 9	50	984·0	990·1	..	279·1	282·1	5th	275·5	271·3	22nd	277·3	..	277·4	55	..
1425	Stanley, Falkland Is.	51 41	57 51	4	..	..	..	..	..	..	..	..	..	..	..	..	145	+ 85
1426	Cape Pembroke	51 41	57 42	21	..	993·0	− 7·8	280·4	285·2	8th	274·8	271·3	17th, 18th	277·6	+0·5	278·1	..	..
1429	S. Georgia (Cumberland Bay)	54 14 S.	36 33 W.	4	989·4	989·9	− 5·1	275·2	281·0	14th	269·2	265·2	25th	272·2	−1·5	*271·9*	161	+ 10

MAY—ZONE 15. Between Latitude 60° S. and 70° S.

1527	South Orkneys.	S. 60 44	W. 44 39	6·1	..	992·9	+ 1·3	..	273·3	..	..	245·9	..	..	−6·0	260·4	20	− 16
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Estimates not based on at least six equally-spaced observations each day are in *italics*.

DAILY OBSERVATIONS OF WIND WITHIN THE TROPICS.—MAY 1916.

Date.	St. Helena. 1035. Direction.	St. Helena. 1035. *Mean Velocity for the Day.	Fanning Island. 805. Direction and Force.		Sierra Leone. 834. Direction and Force.		Entebbe. 844. Direction and Force.		Malden Island. 905. Direction and Force.	Tulagi. 969. Direction and Force.	Ocean Island. 970. Direction and Force.		Suva, Fiji. 1072. Direction and Force.
	9h.	m/s	9h.	21h.	9h.	17h.	7h.	21h.	9h.	9h.	9h.	21h.	9h.
1	ESE	7·6	..	..	Calm 0	W 2	W 3	W 3	..	SE 2	ESE 2	E 1	Calm 0
2	SE	—	..	..	NW 1	W 1	SW 2	W 3	..	Calm 0	SE 2	E 1	Calm 1
3	SE	—	..	..	Calm 0	W 1	W 3	W 3	..	Calm 0	SE 2	SE 1	E 2
4	S	6·2	..	..	W 1	W 2	W 2	SW 3	..	SE 2	SE 2	E 2	SSE 3
5	SE	5·4	..	..	W 1	W 3	Calm 0	SW 2	..	SE 2	E 2	E 2	SE 2
6	SE	4·7	..	..	W 1	Calm 0	Calm 0	W 3	..	SE 2	NE 3	E 2	E 2
7	SE	4·1	..	..	E 1	E 1	Calm 0	SW 2	..	Calm 0	SE 2	E 5	Calm 0
8	SE	4·8	..	..	E 1	W 1	W 3	N 3	..	Calm 0	SSE 5	SE 2	Calm 0
9	SE	2·9	..	..	NW 1	SW 1	W 3	W 3	..	Calm 0	SSE 6	Calm 0	Calm 2
10	SE	3·3	..	..	W 1	Calm 0	W 3	SW 2	..	Calm 0	SE 3	E 1	NE 0
11	SE	3·2	..	..	Calm 0	W 2	W 3	W 3	..	SE 4	NE 4	NE 1	Calm 1
12	SE	7·2	..	..	E 2	W 1	Calm 0	SW 2	..	SE 4	E 2	Calm 0	NE 0
13	SE	11·1	..	..	E 1	W 1	W 3	W 3	..	SE 2	ESE 2	SW 2	Calm 2
14	SSE	11·3	..	..	W 1	SW 3	SW 2	N 2	..	SE 2	E 1	E 1	SE 3
15	SE	9·7	..	..	W 2	SW 2	Calm 0	W 3	..	SE 4	ENE 3	NE 2	Calm 0
16	SE	8·9	..	..	NE 2	NW 2	Calm 0	SW 3	..	SE 2	NE 4	Calm 0	SE 3
17	SE	5·4	..	..	W 1	NW 2	W 3	W 2	..	SE 6	E 1	Calm 0	Calm 0
18	SE	4·3	..	..	NW 1	NW 2	N 2	W 3	..	SE 2	E 3	E 4	Calm 1
19	SE	4·7	..	..	E 2	W 1	W 3	W 3	..	SE 2	E 5	E 3	NE 0
20	SE	5·8	..	..	Calm 0	E 4	W 3	W 3	..	SE 4	E 4	E 1	Calm 1
21	SE	6·0	..	..	E 3	NE 1	W 3	W 3	..	SE 4	E 3	E 1	SE 1
22	SE	—	..	..	E 1	W 3	W 3	W 3	..	SE 2	SE 2	ESE 4	SE 1
23	SE	—	..	..	E 1	Calm 0	SW 2	N 2	..	SE 2	E 5	E 4	S 3
24	SSE	4·9	..	..	E 1	Calm 0	W 3	W 3	..	SE 2	E 4	E 4	SE 3
25	SE	5·2	..	..	E 1	W 1	Calm 0	N 2	..	SE 4	SE 4	E 4	SE 1
26	SE	6·6	..	..	W 1	W 2	SW 3	N 2	..	SE 2	ESE 5	E 5	NE 2
27	SE	—	..	..	E 1	Calm 0	SW 3	N 2	..	Calm 0	E 3	E 3	E 2
28	SE	—	..	..	E 1	W 1	E 4	W 3	..	SE 6	E 5	E 4	NE 2
29	SE	5·8	..	..	E 2	E 2	W 3	SW 3	..	Calm 0	ESE 4	Calm 0	NE 1
30	SE	2·7	..	..	NW 1	W 1	Calm 0	N 2	..	SE 4	ESE 3	SE 2	E 0
31	SE	5·5	..	..	E 1	W 1	W 3	W 3	..	SE 2	ESE 3	Calm 0	Calm 1
Mean	..	5·9	..	..	1·1	1·4	2·1	2·5	..	2·2	3·2	2·0	1·1
†Resultant	140° (97)	..	..		290° (24)		270° (63)		..	135° (73)	100° (78)		100° (46)
†Normal	139° (86)	6·0	97° (69)		275° (18)		240° (42)		83° (79)	129° (73)	105° (56)		102° (50)

* Velocity of the South-East Trade Wind at 632 metres.
† Direction and "constancy." For explanation see Introduction.

STATE OF ICE IN THE ARCTIC SEAS AND IN THE NORTH ATLANTIC.—MAY 1916.

* *The White Sea* was filled with drift ice and was closed to navigation, although ice breakers penetrated on the 17th.

* *Barents Sea.*—Ice, driven far to the SW by the prevailing NE winds was much more abundant than in April, the area covered being 1284 × 10^3 sq. km., compared with a normal of 981 × 10^3 sq. km. Along the Murman coast the edge was further east. In 40° E a tongue of scattered ice extended S to within about 24 miles of the White Sea ice.

* *Spitsbergen.*—A belt of heavy, scattered ice, about 3 miles broad stretched from N. of Bear Is. along the west coast. In Green Harbour, ice 220 yards from the shore was nearly 30 in. thick.

* *Greenland Sea, Iceland and Denmark Strait.*—The coasts of Iceland and Grimsey were free, the ice at the middle of the month being at least 60 miles off C. North. The normal duration is 7 days. Until the 10th ice was very scattered off Angmagsalik, the sea beyond the belt being free. From the 11th to 16th it was closely packed, becoming scattered again later but for the last 10 days the ice was close all over the sea. The area covered was 1015 × 10^3 sq. km. compared with a normal of 1062 × 10^3 sq. km.

North Atlantic and Labrador.—Ice was still scarce on the Newfoundland Banks, the southernmost berg being in 42° 16′ N. On the 15th floes were observed in 43° N and 62° W. Northumberland St. and Cabot St. were free and in Belle Isle St. ice had scattered as early as the 12th.

* *Davis St.*—A narrow belt of closely packed ice stretched from C. Farewell to Arsuk. From there to Nunasuit the belt was broader and contained large bergs. Off Frederikshaab only scattered ice was seen and after the first few days the coast to Egedesminde was free.

* *Bering Sea.*—Bristol Bay was free of ice.

* *Isforholdene i de arktiske Have*, 1916, published by the Danish Meteorological Institute.

RÉSEAU MONDIAL, JUNE 1916

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF JUNE 1916 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE.

Between Latitude 80° N. and 70° N. JUNE—ZONE 1.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
123	Inglefield Bay	77 20	67 30	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
124	Upernivik	72 47	W56 7	18·9	1013·1	1015·4	+ 3·2	278·2	283·8	28th	272·0	269·6	5th	275·1	−0·7	*274·1*	72	+ 59
125																		
126																		
139	Spitsbergen (GreenHarbour)	78 2	E 14 14	11·4	1012·6	1014·0	+ 1·1	..	280·5	26th	272·9	269·5	4th	..	+0·4	275·1	7	− 6
140																		
141																		
142	Gjesvaer	71 6	25 22	6·5	1011·4	1012·2	− 1·0	..	293·1	23rd	278·3	273·9	10th	..	+1·6	*281·4*	56	+ 19
143	Mehavn	71 1	27 47	6·4	1012·0	1012·8	− 0·4	..	295·0	23rd	277·4	273·7	12th	..	+1·2	*280·3*	24	− 19
147	Vardö	70 22	31 8	10·0	1012·4	1013·6	+ 0·2	..	281·6	6th	275·9	272·2	1st	..	−0·8	*277·8*	37	+ 4
148	Malye Karmakouly	72 23	52 43	14·8	1012·6	1014·5	+ 3·0	..	277·9	22nd	..	..	..	..	−2·7	*271·2*	..	..
	Waigatz	70 24	58 47	11·2	1014·0	1015·4	+ 4·0	275·6	282·0	25th	270·4	262·7	3rd	273·0	..	*272·7*	31	..
		N.	E.															

Between Latitude 70° N. and 60° N. JUNE—ZONE 2.

203	Nome	64 31	165 24	4·6	1008·5	1009·1	− 3·4	283·3	292·4	..	276·0	270·2	..	279·7	−1·0	..	31	+ 1
204	Candle	65 55	161 57	2·4	..	..	..	288·0	296·9	24th	277·3	269·7	6th, 9th	282·7	..	..	24	..
205	Tanana	65 8	152 0	73·8	999·0	1007·8	− 3·4	294·6	304·7	..	279·8	271·9	..	287·2	+0·4	..	26	− 1
206	Rampart	65 30	150 15	122	..	..	..	298·9	309·1	26th	280·7	274·1	3rd	289·8	..	..	23	0
207	Valdez	61 7	146 16	8·2	1012·4	1013·4	− 2·1	288·0	295·8	..	278·7	273·6	..	283·3	−0·4	..	63	+ 12
208	Eagle	64 46	141 12	248	975·8	1004·8	− 3·4	295·9	304·7	..	280·1	273·6	..	288·0	+1·9	..	23	− 14
209																		
210	Dawson	64 4	139 20	328	967·7	1006·1	− 6·4	295·8	305·2	22nd	279·7	273·6	8th	287·7	+0·8	..	30	+ 2
211	Carcross	60 11	134 34	662	..	..	..	290·6	303·0	26th	276·7	269·7	9th	283·7	+0·4	..	5	− 10
212	Fort Good Hope	66 15	128 53	65·2	1003·7	1011·5	..	294·8	304·7	22nd, 30th	280·7	273·6	4th, 5th	287·8	..	..	18	..
213	Fort Simpson	61 52	121 35	129	1000·3	1015·0	..	295·2	304·1	30th	281·3	275·8	13th	288·3	+2·2	*289·2*	2	− 44
214	Hay River	60 51	115 20	161	990·2	1009·5	..	288·6	301·9	28th	276·9	271·3	3rd, 11th	282·7	−1·0	..	5	..
225																		
226	Jacobshavn	69 13	51 2	12·6	1012·3	1013·8	+ 1·9	279·9	287·0	28th	274·3	270·7	8th, 9th	277·1	−0·4	*277·2*	83	+ 62
227	Godthaab	64 11	51 44	9·0	1013·5	1014·6	+ 4·8	283·9	290·2	21st	275·7	272·4	8th	279·8	+1·5	*278·9*	28	− 6
229	Ivigtut	61 12	48 10	5·0	1015·6	1016·2	+ 6·9	..	..	..	277·4	274·8	7th	..	+2·4	*283·6*	1	− 74
	Angmagsalik	65 37	37 34	31·7	1009·8	1013·7	− 0·1	286·7	298·3	19th	274·8	269·4	1st	280·7	+1·9	*280·1*	27	− 26
231																		
232	Stykkisholm	65 5	22 46	11·3	1014·8	1016·2	+ 5·5	285·8	290·7	12th	278·7	274·5	6th	282·3	+1·1	*281·9*	9	− 29
233	Vestmanno	63 26	20 15	7·7	1014·8	1015·7	+ 4·5	285·9	292·0	29th	279·4	275·2	22nd	282·7	+0·8	*282·9*	6	− 75
233a	Grimsey	66 33	17 58	22·0	..	..	..	282·1	289·7	10th	276·2	272·1	2nd	279·1	+0·3	*278·8*	1	− 17
234	Akureyri	65 40	18 4	6·8	1014·4	1015·2	+ 3·5	..	..	..	..	..	..	..	..	..	..	..
	Berufjord	64 40	14 19	18·0	1013·8	1016·0	+ 4·0	285·6	295·4	13th	277·6	273·6	4th	281·6	+0·9	*281·2*	0	− 65
235																		
236	Thorshavn	62 3	6 45	25·7	1010·6	1013·7	− 0·6	284·9	289·0	14th, 16th	278·5	273·4	3rd	281·7	−0·6	*281·4*	15	− 50
	Lerwick	60 9	W 1 8	18·0	1008·6	1010·8	− 3·2	283·6	286·3	22nd	279·6	276·3	5th	281·6	−1·1	*280·8*	68	+ 23
237																		
238	Bergen (Met. Obs.)	60 24	E 5 19	44·4	1002·6	1008·0	− 5·9	..	298·5	24th	281·7	277·9	7th	..	−1·2	*284·7*	100	+ 11
239	Christiansund	63 7	7 45	17·8	1007·6	1009·7	− 4·2	..	296·0	30th	280·4	275·3	16th	..	−0·2	*284·0*	35	− 16
240	Trondhjem	63 26	10 25	39·5	1004·7	1009·4	− 4·0	..	299·2	25th	281·3	276·8	15th	..	+0·6	*285·5*	40	− 6
241	Bodö	67 17	14 24	22·4	1007·9	1010·6	− 3·3	..	294·4	30th	280·9	275·4	4th	..	+1·1	*284·0*	18	− 35
242	Haparanda	65 50	24 9	9·2	1009·9	1011·0	− 1·4	289·0	299·0	29th	279·8	275·0	1st, 18th	284·4	−0·4	*284·3*	56	+ 22
242a	Helsingfors	60 10	24 57	12·0	1007·5	1009·0	− 3·8	288·9	298·3	28th	281·8	276·0	17th	285·4	−1·5	285·4	102	+ 58
243	Kuopio	62 54	27 40	90·3	998·0	1008·8	− 4·2	289·8	298·3	12th	281·2	274·3	1st	285·5	−0·2	*286·1*	79	+ 24
244																		
245	Kola	68 53	33 1	6·7	1012·6	1013·4	+ 1·1	285·4	296·6	7th	276·8	270·1	1st	281·1	−0·5	*281·3*	29	+ 1
246	Petrozavodsk	61 47	34 23	38·9	1005·2	1009·9	− 2·7	..	294·3	29th	..	..	..	..	−0·3	*285·9*	82	+ 24
247	Arkhangelsk	64 35	40 36	5·8	1010·3	1011·0	− 1·0	290·7	300·0	7th	281·5	270·2	1st	286·1	+1·2	*286·1*	120	+ 75
248	Mezen	65 50	44 16	12·6	1010·4	1011·9	− 0·2	289·7	301·0	8th	278·8	269·3	1st	284·2	+2·2	*284·2*	79	+ 44
	Oust-Tsylma	65 25	52 14	? 70	1004·7	1013·2	+ 2·0	289·0	299·5	26th	279·1	267·7	3rd	284·0	+0·9	*283·9*	66	..
249	Tcherdyn	60 24	56 31	?177	992·2	1013·1	+ 3·2	..	301·9	16th	283·0	271·5	4th	..	+2·5	*289·1*	26	− 26
250																		
251	Berezov	63 56	65 4	39·9	1008·8	1013·6	+ 2·4	..	299·3	19th	281·5	271·2	3rd	..	+2·3	*285·4*	49	− 3
252	Obdorsk	66 31	66 35	23·7	1011·1	1014·0	+ 2·1	..	294·9	19th	276·9	268·3	1st	..	+0·5	*280·1*	32	0
253	Sourgout	61 15	73 24	? 40	1008·4	1013·2	+ 3·7	..	305·0	20th	280·6	270·4	1st	..	+2·9	*287·6*	12	− 52
254																		
	Doudinka	69 23	86 4	20	1009·1	1011·5	+ 2·0	..	293·4	29th	274·4	265·6	1st	..	..	*276·7*	38	..
	Touroukhansk	65 47	87 57	45	1007·1	1012·6	+ 3·5	..	296·8	22nd	276·4	267·2	3rd	..	−0·8	*280·7*	65	+ 25
261																		
262	Olekminsk	60 22	120 26	155	987·5	1005·9	+ 0·3	..	297·1	29th	280·9	275·5	15th	..	−1·4	*286·5*	53	+ 17
263	Ialcoutsk	62 1	129 43	108	991·8	1004·6	− 2·9	..	298·5	21st	281·7	275·8	10th	..	+1·0	*288·9*	24	− 14
264	Verkhoïansk	67 33	133 23	100	991·0	1003·0	− 1·4	..	298·2	16th	279·5	274·4	6th	..	0·0	*285·6*	15	− 8
	Oust-Maïskoe	60 25	134 29	?100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
271																		
272	Markovo-sur-Anadyr	64 45	170 50	25·0	1007·0	1010·0	− 0·6	285·7	294·7	22nd	277·1	273·0	5th	281·4	−1·3	..	16	− 6
	Novo-Mariinskii Post	64 45	177 33	5·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N.	E.															
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Estimates not based on at least six equally-spaced observations each day are in *italics*.

JUNE—ZONE 3.

Table representing the Meteorology of the Globe between Latitude 60° N. and 50° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
		N.	W.															
303	Dutch Harbor	53 54	166 32	4·0	..	..	..	281·8	286·9	..	275·6	271·9	..	278·7	−1·8	..	32	− 42
304																		
305	Kodiak	57 47	152 22	1·8	1007·5	1007·7	− 5·2	283·9	291·3	..	279·5	276·9	..	281·7	..	..	122	+ 14
306																		
309	Sitka	57 4	135 20	27·4	1012·9	1016·2	− 0·1	287·3	298·6	..	279·9	274·1	..	283·6	0·0	..	153	+ 80
310	Prince Rupert	54 18	130 18	51·8	1009·5	1015·8	− 0·8	288·0	295·2	25th	280·8	275·8	10th	284·4	−0·5	..	139	+ 41
311	Barkerville	53 2	121 35	1274	870·8	..	..	290·2	296·9	17th	276·3	268·6	1st, 5th	283·3	+0·2	*283·3*	73	− 13
312	Kamloops	50 42	120 29	385	971·5	1016·1	+ 0·2	297·4	308·0	17th	284·1	276·3	1st	290·8	−0·3	*290·7*	72	+ 41
313	Calgary	51 2	114 2	1045	893·8	..	..	293·0	300·8	15th	279·7	274·1	1st	286·3	0·0	*286·5*	37	− 43
314	Fort Chipewyan	58 42	111 10	218	984·4	1009·8	..	293·0	302·4	28th	280·2	270·2	1st	286·6	+1·4	*287·4*	14	− 26
315	Prince Albert	53 10	106 0	442	958·7	1010·2	+ 1·2	292·4	298·0	9th, 16th	280·2	271·9	1st	286·3	−1·2	*286·7*	66	− 2
316	Qu'Appelle	50 30	103 47	045	934·6	1009·3	− 2·0	291·9	298·6	9th	280·2	274·1	1st	286·1	−2·2	285·4	104	+ 18
317	Minnedosa	50 15	99 50	515	950·7	1010·6	− 0·9	291·9	298·6	9th	280·2	273·0	4th	286·1	−2·4	*285·8*	90	+ 11
318	Berens River	52 18	97 23	216	..	..	..	292·7	299·7	29th	280·2	274·7	4th	286·4	−0·7	*285·9*	59	+ 17
318*a*	Port Nelson	57 4	92 36	14·9	1011·4	1013·2	..	285·2	301·9	29th	273·6	269·1	2nd	279·4	..	..	13	..
319	Fort Hope	51 33	87 49	335	..	..	..	..	..	..	..	..	..	..	..	..	..	..
320	Moose Factory	51 14	80 30	9·1	1008·6	1009·7	− 4·5	291·3	301·3	30th	280·2	273·0	5th, 6th	285·8	+0·2	..	..	..
321	Fort George	53 50	79 5	?	..	..	..	289·4	300·2	8th, 14th	279·7	272·4	27th	284·6	..	..	64	..
322	Mistassini Post	50 15	73 55	383	..	..	..	292·7	300·2	14th	281·8	275·8	7th	287·2	..	..	37	..
323	Hebron	58 12	62 21	15·0	1018·8	1020·6	+ 9·7	..	..	..	277·0	270·0	..	..	..	*280·7*	40	..
324	Natashquan	50 8	61 48	?	..	..	..	287·9	295·2	8th	279·3	273·6	9th	283·6	..	..	118	..
325																		
326	Belle Isle	51 23	55 23	133	..	..	..	..	..	..	..	..	..	..	..	..	..	..
334	Cahirciveen (Valencia Obs.)	51 56	10 15	13·7	1014·4	1016·1	+ 0·2	287·9	294·7	17th	282·7	279·7	8th	285·3	−1·4	285·3	65	− 10
335	Aberdeen	57 10	2 6	26·8	1007·2	1010·5	− 4·4	285·5	290·2	1st	280·7	278·0	6th	283·1	−1·8	283·0	118	+ 75
336	Greenwich	51 28	W 0 0	48·5	1008·0	1014·0	− 2·1	290·4	295·8	25th	280·9	276·9	17th	285·7	−3·0	285·0	48	− 3
337	Uccle	50 48	E 4 22	100	1000·8	1012·9	− 3·3	290·9	302·9	23rd	280·9	275·4	20th	285·9	−3·2	285·4	114	+ 45
338	De Bilt	52 6	5 11	3·0	1011·7	1012·1	− 3·7	289·7	300·7	24th	281·4	275·7	4th	285·5	−3·3	285·2	112	+ 37
338*a*	Hamburg	53 33	9 58	40	1006·4	1011·2	− 3·8	289·8	297·9	24th	282·9	277·8	16th	286·3	−2·8	*286·1*	107	+ 12
339	Copenhagen	55 41	12 36	5·0	1009·6	1010·2	− 4·0	288·5	293·2	26th	282·9	279·8	20th	285·7	−2·2	*285·7*	62	+ 49
340	Potsdam	52 23	13 4	84·9	1001·9	1012·1	− 3·8	290·0	299·6	24th	282·6	278·7	20th	287·4	−2·4	286·8	108	+ 25
340*a*	Upsala	59 51	17 38	24·0	1006·3	1009·2	− 3·8	290·0	299·6	27th	279·9	275·0	18th	285·0	−1·9	285·1	73	+ 30
341	Warsaw	52 13	21 1	133	996·6	1012·3	− 1·8	293·9	301·4	10th	284·1	278·7	17th	289·0	−1·9	288·8	106	+ 54
342	Jurjev	58 23	26 43	74·5	1000·0	1009·0	− 3·7	291·9	301·1	11th	281·7	271·5	1st	286·8	−1·5	286·5	142	+ 53
343	Petrograd	59 56	30 16	4·8	1008·4	1009·0	− 3·4	291·8	303·0	11th	282·8	273·3	1st	287·3	−0·4	*287·3*	101	+ 51
344	Kiev	50 27	30 30	183	992·6	1014·3	+ 1·9	295·9	302·4	11th	284·9	279·8	18th	290·4	−1·2	*289·7*	148	+ 5
344*a*	Moscow	55 50	37 33	167	992·2	1012·1	− 0·1	293·6	301·8	10th	281·8	270·7	1st	287·7	−1·3	*288·0*	53	+ 34
345	Saratov	51 32	46 3	59·9	1007·4	1014·5	+ 4·2	..	..	9th	287·7	274·6	2nd	..	+0·3	*292·9*	72	− 3
346	Kazan	55 47	49 8	79·9	1004·7	1014·2	+ 4·3	296·6	305·5	11th	285·5	273·0	1st	291·0	+0·4	*290·6*	53	− 7
347	Orenburg	51 45	55 6	109	1003·0	1016·0	+ 6·8	299·9	307·6	18th	284·1	273·5	4th	292·0	+1·0	*292·7*	40	− 19
348	Perm	58 1	56 16	163	994·2	1013·4	+ 4·2	296·0	304·1	19th	284·2	272·6	1st	290·1	+1·9	*290·1*	36	− 20
349	Ekaterinburg	56 49	60 38	281	980·7	1013·6	+ 3·3	295·3	305·4	19th	282·6	272·8	4th	289·0	+1·7	*289·2*	42	+ 47
350	Tobolsk	58 12	68 14	108	1001·8	1014·6	+ 3·9	295·6	306·3	19th	284·2	276·1	?	289·9	+1·9	*289·7*	106	+ 53
351	Akmolinsk	51 12	71 23	?347	972·4	1012·6	+ 1·7	..	305·8	23rd	283·4	274·5	5th	..	+0·2	*290·7*	84	+ 13
352	Omsk	54 58	73 23	87·9	1003·0	1013·4	+ 3·5	297·2	308·3	19th	283·9	274·0	13th	290·6	+1·6	*291·0*	65	+ 2
353	Barnaoul	53 20	83 48	162	993·1	1012·0	+ 1·8	297·7	306·2	3rd	284·6	274·7	16th	291·2	+1·8	*291·6*	22	− 41
354	Tomsk	56 30	84 58	122	997·8	1012·3	+ 3·2	..	304·4	21st	282·7	275·5	15th	..	+1·0	*288·6*	30	..
355	Minousinsk	53 43	91 41	249	982·2	1011·2	+ 0·6	..	303·8	4th	..	..	..	..	..	*289·6*	34	− 23
356	Eniseisk	58 27	92 10	77·6	1001·8	1011·1	+ 1·4	..	300·2	23rd	281·0	274·6	15th	..	−1·1	*286·8*	40	+ 5
357	Irkutsk	52 16	104 19	467	956·2	1010·6	+ 1·2	..	297·0	24th	278·8	271·5	21st	..	−1·9	*285·7*	60	+ 9
358	Kirensk	57 47	108 7	263	978·6	1009·5	+ 1·2	..	299·2	28th	278·9	272·3	5th	..	−2·8	*286·0*	40	+ 70
359	Tchita	52 2	113 30	687	925·5	1004·2	− 1·7	..	303·0	15th	279·0	270·8	5th	..	−3·1	*285·7*	125	+ 2
360	Blagoveshchensk Priisk	58 10	114 19	490	950·0	1007·4	− 1·0	..	298·8	29th	276·8	271·6	13th	..	..	*284·0*	36	+ 25
360*a*	Nertchinskii Zavod	51 19	119 37	626	931·1	1002·7	− 3·2	..	299·8	1st	280·7	276·6	8th	..	−2·0	*286·2*	85	..
361	Tygan Ourkan	54 5	124 46	379	958·8	1003·1	..	291·9	298·8	1st, 30th	278·9	271·4	10th	285·4	..	*285·9*	143	..
362	Blagoveshchensk (Bureau Météor.)	50 16	127 30	142	985·5	1002·2	− 2·6	294·0	299·4	18th	283·8	278·5	6th	288·9	−1·6	*288·7*	126	+ 52
363	Paikanskii Sklad	50 11	130 7	145	985·0	1002·1	..	294·1	299·6	29th	281·0	275·6	1st	287·6	..	*287·8*	112	..
364																		
365	Nikolaevsk-sur-Amour	53 8	140 45	21·2	1003·9	1006·4	− 2·0	..	300·8	20th	281·5	274·7	3rd	..	+0·9	*285·4*	44	+ 18
366	Okhotsk	59 21	143 12	6·0	1009·1	1009·8	− 3·0	278·9	283·8	24th	274·3	270·6	7th	276·6	−3·5	*276·2*	63	..
367																		
368	Petropavlovsk (Radio)	53 0	158 39	13·5	1010·2	1011·8	+ 0·4	285·4	293·1	29th	277·9	273·2	5th	281·7	..	*280·8*	112	..
369																		
		N.	E.															
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Estimates not based on at least six equally-spaced observations each day are in *italics*.

Table representing the Meteorology of the Globe between Latitude 50° N. and 40° N.

JUNE—ZONE 4.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. * Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
		N.	W.															
411	Victoria, B.C.	48 24	123 19	70·1	1008·4	1016·8	− 0·1	290·8	300·2	16th	281·9	279·7	6th	286·3	−0·3	285·9	13	− 11
412	Portland, Oregon	45 32	122 41	46·6	1011·5	1016·9	− 0·2	295·0	306·3	16th	284·3	278·0	10th	289·7	+0·1	*289·4*	46	+ 3
413	Macleod	49 44	113 24	954	..	..	..	294·3	304·7	16th, 17th	280·0	274·7	6th	287·1	0·0	..	66	− 5
414	Helena	46 34	112 4	1253	873·0	1013·5	+ 1·2	292·9	304·7	17th	281·0	274·7	21st	287·0	−1·6	*286·6*	91	+ 29
414*a*	Salt Lake City	40 46	111 54	1329	865·4	1010·8	− 0·1	298·4	308·6	17th	285·3	277·4	22nd	291·8	−0·8	*292·3*	17	− 5
415	Cheyenne	41 8	104 48	1856	812·4	1010·5	+ 0·3	295·4	304·1	28th	280·0	271·9	7th	287·7	−1·5	*287·9*	9	− 29
416	North Platte	41 8	100 45	859	915·3	1013·2	+ 1·5	298·1	308·0	28th	284·2	276·3	7th	291·1	−2·3	*290·9*	78	− 4
416*a*	Bismarck	46 47	100 38	511	953·0	1012·8	+ 0·5	294·2	300·8	30th	281·9	276·3	2nd	288·1	−2·7	*288·2*	38	− 53
417	Winnipeg	49 53	97 7	232	983·7	1011·1	− 1·4	293·6	299·7	30th	281·9	274·1	19th	287·7	−2·1	288·1	105	+ 22
418	Duluth	46 47	92 6	345	971·2	1012·2	− 1·5	290·0	297·4	12th	280·2	275·2	19th	285·1	−1·7	*285·3*	148	+ 53
419	Port Arthur	48 27	89 12	196	987·9	1011·3	− 2·8	290·8	297·4	25th	280·2	275·2	20th	285·5	−1·2	*285·4*	77	+ 9
420	Chicago	41 53	87 37	251	981·9	1011·8	− 2·8	294·2	304·1	29th	280·8	283·0	7th	290·5	−1·8	*290·1*	184	+ 96
421	Toronto	43 40	79 24	286·5	999·0	1012·8	− 1·5	293·6	298·6	13, 26, 27	283·6	277·4	1st	288·6	−1·4	288·4	109	+ 39
422	New York (Central Park)	40 46	73 58	30·2	1010·3	1013·9	− 1·8	295·9	301·9	28th	287·6	283·6	10th	291·8	−2·7	291·4	116	+ 31
423	St. John, N.B.	45 17	66 4	36·2	..	1014·5	+ 0·7	290·2	296·3	7th	282·4	277·4	16th	286·3	−0·3	286·1	135	+ 52
424	S.W. Point, Anticosti	49 24	63 33	9·1	1014·2	1015·3	+ 3·6	288·0	293·0	7th	281·9	277·4	9th	284·9	+2·4	..	57	− 2
424*a*	Sable Island (Main Station)	43 57	60 6	7·6	1016·0	1016·9	+ 1·5	285·8	290·8	17, 18, 29	280·2	276·3	3rd	283·0	−0·5	..	117	+ 30
425	Port aux Basques	47 35	59 10	9·1	1015·2	1016·3	+ 2·1	285·8	290·8	16th	280·8	276·3	9th	283·3	+1·4	..	125	+ 16
426	St. John's, Newfoundland	47 34	52 42	38·1	1011·7	1016·3	+ 4·2	289·1	298·6	5th	280·2	275·2	9th	284·7	+1·9	..	46	− 44
435	Madrid	40 24	3 41	655	939·8	1013·6	− 2·2	302·2	307·5	30th	283·7	277·7	4th	292·9	−0·5	293·5	2	− 33
436	Nantes	47 15	W 1 34	36·5	1011·4	1015·8	− 1·6	290·8	298·0	22nd	281·9	277·1	4th	286·3	−3·4	286·4	68	+ 12
437	Paris (Parc St. Maur)	48 49	E 2 29	50·3	1008·9	1015·0	− 2·0	292·0	298·4	22nd	281·8	278·0	4th	286·9	−2·9	286·6	51	− 4
438*a*	Marseilles	43 18	5 23	74·8	1004·4	1013·3	− 1·7	298·1	302·7	17th	286·0	282·4	14th	292·1	−1·2	291·6	3	− 42
439	Zürich	47 23	8 33	493	957·6	1015·4	− 1·8	292·6	302·6	23rd	282·3	277·5	4th	287·5	−3·1	286·5	200	+ 65
440	Rome	41 54	12 28	50·6	1008·4	1014·0	− 1·4	300·3	305·8	18th	289·2	285·9	7th	294·8	+0·2	*295·0*	4	− 37
440*a*	Buda-Pesth	48 15	16 22	203	988·8	1013·2	− 1·5	293·1	299·4	10th	284·8	280·4	17th	290·8	−1·1	*290·7*	59	− 12
441	Monastir	47 31	19 1	130	998·4	1013·7	− 0·2	296·9	303·9	..	..	..	..	..	..	..	..	..
442	Bucharest	44 25	26 6	82	1003·9	1013·5	+ 0·5	301·6	307·0	15th	287·8	280·3	1st	294·7	+0·9	294·4	27	− 62
443	Odessa (University)	46 29	30 44	65·3	1007·8	1015·6	+ 2·9	297·0	303·7	20th	288·9	283·0	1st	293·0	−0·3	*292·6*	19	− 37
444	Kharkov (University)	50 0	36 14	140	998·6	1015·2	+ 3·2	296·2	303·2	11th	283·7	271·9	2nd	290·0	−0·8	*290·0*	53	− 11
445	Novorossiisk	44 44	37 49	37·1	1011·0	1015·4	+ 2·2	298·1	304·4	22nd	289·2	281·0	2nd	293·6	+0·8	*293·5*	12	− 50
446	Tiflis	41 43	44 48	404	969·0	1015·2	+ 2·8	301·2	307·3	28th	287·9	281·8	3rd	294·6	−0·2	*294·1*	3	− 69
447	Astrakhan	46 21	48 2	−13·8	1018·4	1016·8	+ 5·7	300·1	304·5	28th	290·7	279·6	3rd	295·4	−0·6	*295·1*	9	− 9
448	Fort Alexandrovsk	44 30	50 16	24	1012·4	1015·2	+ 3·9	300·6	306·4	4th	290·0	278·0	4th	295·3	+0·2	*295·7*	10	− 1
	Krasnovodsk	40 0	52 59	−14·6	1016·0	1014·3	+ 3·7	304·7	309·0	27th	294·0	285·8	3rd, 4th	299·4	+0·7	*298·9*	0	− 11
449	Aralskoe More	46 47	61 42	57·0	1008·2	1014·8	+ 3·5	301·4	309·7	28th	287·4	276·6	4th	294·4	−2·1	*295·3*	10	..
450	Tachkent	41 20	69 18	479	955·8	1009·9	+ 2·4	303·5	311·6	30th	287·5	281·3	4th	295·5	−2·2	*295·2*	7	− 5
451	Narynskoe	41 26	76 0	?2015	793·8	..	..	..	..	..	280·6	273·4	12th	..	−0·2	*287·2*	27	..
452	Vernyi	43 16	76 53	?825	917·5	1009·7	+ 1·9	298·2	306·7	30th	287·2	280·1	5th	292·7	..	*291·8*	72	..
461	Mukden	41 48	123 23	43·8	998·9	1004·0	− 0·3	300·3	308·6	17th	288·0	279·6	6th	294·1	−0·4	294·0	52	− 31
462	Joshin	40 40	129 11	4·0	1005·2	1005·7	− 0·8	293·3	300·5	3rd	286·0	281·4	1st	289·7	+0·5	289·1	37	− 22
463	Yuki	42 20	130 24	65·6	998·4	1006·3	..	292·2	301·9	3rd	284·5	278·5	1st	288·3	..	287·8	143	..
464	Vladivostok	43 7	131 55	28·8	1003·2	1006·6	− 1·7	292·1	299·3	25th	284·5	278·7	1st	288·3	+0·9	287·8	134	+ 64
465	Ochiai	47 20	142 44	26·7	1008·8	1012·0	+ 1·7	288·6	296·9	22nd	281·8	277·7	2nd	285·2	+1·8	284·7	85	− 8
466	Nemuro	43 20	145 35	26·7	1008·8	1012·0	− 0·6	291·7	299·3	10th	282·2	275·2	1st, 3rd	286·9	+3·3	286·6	88	0
466*a*	Syana	45 14	147 53	39·3	1007·1	1011·8	+ 1·6	290·0	295·8	15th	280·2	273·0	2nd	285·1	+2·9	285·2	11	− 50
		N.	E.															

Between Latitude 40° N. and 30° N.

JUNE—ZONE 5 (Western Half).

511	San Francisco	37 48	122 26	47·2	1009·1	1014·9	+ 0·4	290·9	297·4	6th	283·3	281·3	14th	287·1	−0·7	*286·4*	0	− 5
512	San Luis Obispo	35 18	120 39	61·3	1008·0	1015·6	+ 1·1	294·9	304·7	23rd	281·6	278·0	21st	288·2	−1·6	*287·2*	0	− 3
513	San Diego	32 43	117 10	26·5	1009·8	1012·8	− 0·1	292·0	296·3	30th	286·7	284·1	2nd	289·3	−1·8	*288·9*	0	− 1
514	Modena	37 48	113 54	1670	831·6	1009·1	− 0·6	300·6	305·8	16th	279·8	273·0	2nd	290·2	−0·1	*290·1*	0	− 8
515	Santa Fé	35 41	105 57	2138	787·4	1006·8	− 2·6	299·5	303·6	30th	284·5	279·7	1st	292·0	+0·6	*292·6*	10	− 17
516	Denver	39 45	105 0	1613	836·2	1010·5	− 0·2	299·8	308·6	29th	284·1	278·6	7th	291·9	−0·2	*291·9*	2	− 33
517	Abilene	32 23	99 40	530	949·6	1008·8	− 2·9	306·8	311·9	26th	293·7	284·7	8th	300·2	+1·5	*300·2*	52	− 15
518	Saint Louis	38 38	90 12	173	991·3	1011·5	− 2·8	299·6	308·0	30th	290·3	285·8	7th	294·9	−2·1	*294·8*	101	− 6
519	Mobile	30 41	88 2	17·4	1012·0	1014·2	− 1·0	303·8	307·4	26th	295·1	291·9	9th	299·4	−0·5	*298·7*	138	− 3
520	Nashville	36 10	86 47	166	994·0	1013·5	− 1·9	301·0	306·9	30th	290·4	285·8	4th	295·7	−1·8	*295·9*	117	+ 9
521	Charleston	32 47	79 56	14·6	1012·7	1014·5	− 1·7	302·2	306·3	12th	294·9	292·4	7th	298·6	0·0	*298·8*	248	+ 120
522	Washington	38 54	77 3	34·1	1009·4	1013·5	− 1·9	299·2	303·6	28th	288·7	282·4	1st	293·9	−2·0	*293·6*	191	+ 83
524	Bermuda	32 18	64 46	46·0	1012·2	1017·6	− 1·3	299·0	300·8	21st	292·6	289·9	4th	295·8	−1·1	*295·8*	54	− 63
530	Santa Cruz (Flores)	39 27	31 9	28	1018·1	1021·2	− 4·6	294·8	298·4	23rd	289·7	285·0	12th	292·3	−0·1	*292·2*	207	+ 134
531	Horta	38 32	28 38	63	1014·0	1021·2	− 2·0	294·2	297·2	22nd	289·9	285·8	13th	292·1	−0·8	*291·4*	166	+ 96
532	Ponta Delgada	37 44	25 40	22	1019·6	1021·5	− 1·8	294·9	297·2	19th	290·3	286·9	16th	292·6	+0·8	292·5	..	..
532*a*	Faja da Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	87	+ 15
533	Madeira (Funchal)	32 37	16 54	25	1017·3	1020·2	− 0·4	293·6	297·0	21st	289·7	287·9	1st	291·7	−1·0	*291·8*	0	− 11
534	Lisbon	38 43	9 9	95	1005·2	1016·5	− 1·1	296·7	302·4	2nd	288·1	285·6	9th, 14th	292·4	+0·1	*292·0*	9	− 11
535																		
536	Gibraltar	36 6	5 21	16·2	1013·7	1015·7	− 0·3	297·9	302·4	3rd, 28th	289·7	286·8	3rd	293·8	−0·5	*293·3*	0	− 12
536*a*	Melilla	35 18	2 59	8	1019·7	1020·6	+ 1·9	300·2	305·8	28th	288·3	285·6	13th	294·2	−0·6	*296·1*	5	− 1
		°	°	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Estimates not based on at least six equally-spaced observations each day are in *italics*.

JUNE—ZONE 5 (Eastern Half). Table representing the Meteorology of the Globe between Latitude 40° N. and 30° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ E.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
537	Palma	39 34	2 38	23	1012·7	1015·4	− 1·3	298·3	303·4	26th	289·8	287·4	12th	294·0	−0·9	..	0	− 39
538	Algiers (Bouzaréah)	36 48	3 2	344	974·7	1014·5	− 1·4	295·3	305·4	8th	289·8	286·2	1st	292·5	−0·9	292·1	39	− 10
539	Tunis	36 48	10 10	33	..	..	..	302·7	312·6	8th	291·3	285·0	5th	297·0	+0·8	*296·7*	2	0
539*a*	Malta	35 53	14 30	58·8	..	1014·4	− 1·8	298·6	308·8	27th	294·3	290·4	8th	296·4	+1·2	*295·5*	2	− 1
540	Riposto	37 41	15 14	14·2	..	1015·4	− 0·4	299·4	304·3	25th	292·5	289·3	3rd	295·9	−0·2	*294·5*	6	− 14
541	Athens	37 58	23 43	107	1000·4	1012·7	+ 0·2	305·4	316·0	21st	295·1	289·5	3rd	300·2	+3·2	300·1	1	0
542	Alexandria	31 12	29 53	32·0	1006·3	1010·0	− 2·7	302·7	311·9	4th	295·2	292·1	3rd	299·0	+1·7	*297·7*	0	0
543	Cairo (Helwan)	29 52	31 20	116	994·4	1007·4	− 3·3	311·6	318·0	22nd	294·6	290·0	1st	303·1	+3·1	303·1	0	− 13
544	Nicosia (P.W.D.)	35 9	33 22	159	989·8	1007·4	− 1·6	309·9	315·8	22nd, 23rd	293·8	287·4	6th	301·9	+3·8	..	0	− 5
544*a*	Beirut	33 54	35 28	33·7	..	1007·5	− 1·9	303·6	312·8	21st, 22nd	296·4	291·3	1st	300·0	+2·7	..	0	..
545	Baghdad	33 21	44 28	38·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
546	Busrah	30 31	47 53	7·6	1001·4	1002·5	− 1·3	311·7	317·1	29th, 30th	299·3	296·0	9th	305·5	+0·2	*307·6*	0	+ 11
546*a*	Lenkoran	38 46	48 51	−19·3	1017·5	1015·2	+ 4·3	..	302·9	29th	289·1	282·7	4th	..	−1·5	*294·7*	34	+ 2
547	Teheran	35 41	51 25	1220	..	..	..	300·7	306·1	29th, 30th	289·9	284·7	3rd	295·3	−4·6	*294·9*	0	+ 3
548	Meshed	36 16	59 35	946	875·6	..	..	302·2	308·5	2nd	284·6	278·6	5th	293·4	−3·2	..	11	..
549	Seistan	31 0	61 30	?	..	..	..	306·6	313·7	3rd	293·5	285·9	12th	300·0	..	..	0	..
550	Quetta	30 11	67 3	1677	826·5	..	− 1·5	304·8	307·5	3rd, 4th	286·3	281·1	6th	295·6	−1·1	*295·2*	0	− 4
551	Peshawar	34 2	71 37	339	958·3	994·9	− 3·8	315·9	320·1	8th	298·8	295·3	12th	307·3	+1·3	*307·1*	13	+ 5
551*a*	Lahore	31 34	74 20	214	971·7	995·0	− 3·0	313·6	317·5	7th	301·4	293·7	1st	307·5	+0·2	*307·6*	14	− 33
552	Simla	31 7	77 8	2205	775·7	..	− 2·0	293·3	296·6	6th	288·4	282·7	1st	290·9	−1·8	*290·5*	47[2]	+ 296
552*a*	Leh	34 10	77 42	3593	663·4	..	− 2·3	297·5	302·0	19th	282·3	278·7	1st	289·9	+2·5	*289·3*	5	0
559	Hang Kow	30 35	114 17	37·0	1001·0	1005·2	− 0·2	302·7	309·0	12th	294·9	291·0	8th	298·8	−0·4	*298·3*	277	+ 64
560	Tientsin	39 10	117 10	5·0	1003·4	1004·0	− 0·5	303·4	311·9	3rd	291·3	284·1	7th	297·3	−0·5	*296·7*	86	+ 16
561	Shanghai (Zi-Ka-Wei)	31 12	121 26	7	..	1005·2	− 1·2	301·9	308·5	24th	293·0	287·3	10th	297·5	+0·6	296·6	295	+ 43
562	Jinsen (Chemulpo)	37 29	126 37	67·6	998·8	1006·8	− 0·1	295·8	299·2	19th	288·8	285·4	1st	292·3	−1·2	291·6	293	+ 45
562*a*	Nagasaki	32 44	129 52	133	993·0	1008·4	+ 0·6	299·8	302·7	5th	293·5	288·5	1st	296·7	+1·6	296·2	380	+ 113
563	Kioto	35 1	135 44	42·9	1004·4	1009·4	+ 0·8	301·7	305·9	23rd	291·8	280·6	1st	296·8	+2·5	296·5	348	− 25
564	Tokio	35 41	139 45	21·3	1008·0	1010·5	+ 1·8	300·1	304·7	23rd	292·1	286·0	2nd	296·1	+2·2	295·6	141	− 17
565	Kanayama	37 53	140 46	24·6	1007·4	1010·3	+ 1·1	299·0	305·6	17th	289·7	281·9	3rd	294·3	+2·6	293·9	144	+ 14
566	Miyako	39 38	141 59	30·4	1006·6	1010·1	+ 0·7	296·9	303·9	17th	287·8	281·4	1st	292·3	+2·7	291·5	149	

JUNE—ZONE 6. Between Latitude 30° N. and 20° N.

		N.	W.															
605	Honolulu	21 19	157 52	11·6	1016·2	1017·5	+ 0·3	299·8	300·8	..	294·7	292·4	..	297·2	−0·4	*297·8*	34	+ 5
606																		
615	Zacatecas	22 47	102 35	2610	..	..	..	..	..	..	..	..	..	..	..	..	..	..
616	Leon	21 7	101 41	1800	..	..	..	..	..	..	..	..	..	..	..	..	..	..
617	Tulancingo	20 5	98 22	2180	..	..	..	..	..	..	..	..	..	..	..	..	..	..
618	Galveston	29 18	94 50	16·5	1011·4	1013·5	− 0·7	302·5	304·7	17th	298·0	290·8	7th	300·2	−0·4	*299·8*	80	+ 94
618*a*	New Orleans	29 58	90 4	16·2	..	1013·9	− 0·8	304·9	306·3	23rd	296·2	293·0	15th	300·6	+0·5	*299·9*	246	+ 57
619	Havana	23 8	82 21	24·3	..	1014·9	− 0·2	303·3	305·3	5th	296·9	294·0	4th	300·1	+0·5	*299·9*	112	− 63
620	Key West	24 33	81 48	6·7	1014·1	1014·9	− 0·6	303·6	304·7	27th	297·9	294·1	13th	300·8	−0·2	*300·7*	47	− 38
621	Nassau, Bahamas	25 5	77 21	3·7	..	..	..	..	..	..	297·2	294·9	28th	..	0·0	*299·8*	134	..
622	Watling Island	24 6	74 26	33·5	1011·8	1015·6	− 1·2	..	302·5	sev. dates	..	295·8	5th	..	..	*300·0*	..	..
633	Izaña	28 19	16 30	2367	770·3	..	..	291·0	296·5	29th	282·0	276·2	19th	286·5	..	286·2	0	− 3
634	La Laguna	28 28	16 20	547	953·9	1016·7	− 3·2	295·2	301·4	22nd	285·8	281·8	4th	290·5	−0·7	*289·9*	2	..
636	Colomb-Béchar	31 38	W 2 13	?	..	..	..	318·4	322·6	30th	297·9	290·2	1st	308·1	..	*308·9*	0	..
637	Timimoun	29 9	E 0 10	?	..	..	..											
641	Siwa	29 12	25 29	−23	..	..	..	..	..	..	..	..	..	..	..	..	..	..
642																		
643	Aswan	24 2	32 53	99·6	992·2	1003·1	− 4·4	317·0	320·6	23rd	299·5	295·9	2nd	308·2	+2·5	*307·6*	..	..
644	Tor	28 13	33 37	1·9	1003·9	1004·0	− 3·0	307·0	312·5	22nd	296·1	290·8	4th	301·6	+0·7	*300·3*	..	..
647	Bushire	28 59	50 53	4·3	999·8	1000·4	− 0·4	307·9	315·7	22nd	299·7	295·6	13th	303·8	+0·7	*303·1*	0	− 1
648	Jask	25 44	57 47	4·0	998·6	999·0	− 1·1	311·3	314·4	19th, 23rd	300·0	297·2	8th	305·6	+0·6	*304·9*	0	..
649	Robat	29 45	60 55	?	995·0	..	..	309·4	315·9	3rd	?294·4	289·6	5th	?301·9	..	..	0	..
649*a*	Karachi	24 53	66 57	4·0	996·2	996·8	− 3·6	305·7	313·8	8th	301·3	299·1	17th	303·5	+0·1	*302·8*	5	− 1
650	Hyderabad, Sind	25 24	68 18	29·3	991·8	995·0	− 3·9	313·6	320·2	8th	301·1	298·3	17th	307·3	+0·5	*306·6*	13	− 1
650*a*	Jacobabad	28 17	68 29	56·7	988·0	994·2	− 3·3	318·4	321·9	9th	304·1	301·7	23rd	311·2	+0·9	*310·7*	0	− 1
651	Jaipur	26 56	75 52	436	949·8	996·7	− 3·1	310·9	316·9	8th	299·9	294·3	2nd	305·4	−1·4	*304·8*	55	+ 41
652	Nagpur	21 8	79 5	310	965·0	999·2	− 2·6	306·1	313·2	5th	297·7	293·4	16th	301·9	−2·8	*300·9*	268	+ 49
653	Allahabad	25 25	81 51	94·1	986·2	996·6	− 2·7	307·4	314·9	6th	299·3	296·9	22nd	303·4	−3·4	*302·7*	527	+ 285
653*a*	Darjiling	27 3	88 18	2266	770·8	..	− 2·0	293·5	297·4	5th	287·2	283·6	1st	290·3	+1·3	*289·9*	804	+ 14
654	Calcutta	22 36	88 23	6·4	997·2	997·9	− 2·8	304·7	308·1	2nd	298·8	296·5	29th	301·8	−0·7	*301·6*	432	− 19
655	Gauhati	26 8	91 41	59·7	993·7	1000·4	− 2·6	305·9	308·6	15th, 18th	298·3	295·9	3rd	302·1	+0·9	*301·4*	1800	+ 45
655*m*	Cherrapunji	25 15	91 42	1314	861·4	..	− 2·0	295·9	298·9	4th	291·3	289·1	27th	293·6	+0·6	*293·0*	1800	+ 1176
655*a*	Akyab	20 11	92 56	6·1	1000·9	1001·6	− 2·6	303·2	306·3	4th	297·2	295·8	13th, 26th	300·2	−0·6	*300·3*	1576	+ 422
656	Mandalay	21 59	96 0	76·2	994·6	1003·1	− 1·7	307·4	311·7	3rd	298·5	297·0	3rd, 10th	302·9	−0·4	*302·1*	160	− 25
656*a*	Tengyueh	24 59	98 35	1633	828·1	..	..	297·4	300·2	2, 9, 14	289·8	286·3	8th	293·6	..	*292·8*	188	+ 17
657	Phu Lien	20 48	106 37	116	988·9	1002·1	− 1·8	303·9	307·5	15th	297·7	295·6	9th, 20th	300·8	−1·1	300·1	312	+ 14
658	Moncay	21 31	107 51	9	1001·2	1002·2	− 1·7	303·9	308·0	16th	297·5	295·0	9th	300·7	−0·5	*300·4*	443	
659	Hong Kong	22 18	114 10	33·2	..	1003·9	− 2·2	301·6	304·7	30th	297·7	294·9	8th	299·7	−0·8	299·4	817	+ 468
660	Amoy	24 27	118 4	ca.3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
661	Taihoku, Formosa	25 2	121 31	9·3	1005·6	1006·6	− 0·4	305·1	307·5	25th	296·2	295·1	9th	300·7	+0·2	299·9	377	+ 57
661*a*	Santo Domingo	20 28	121 59	18·7	..	1004·7	− 2·4	..	..	..	..	..	..	..	+0·1	*301·5*	211	− 137
662	Naha	26 13	127 41	10·5	1007·8	1009·0	+ 0·6	304·8	307·2	29th, 30th	297·3	294·5	11th	301·0	+1·4	300·4	124	+ 22
665	Titizima (Bonin Islands)	27 5	142 11	4·0	1012·7	1013·1	+ 0·3	302·5	305·8	2nd	295·7	293·2	11th	299·1	−0·1	298·6	119	
		N. ° ′	E. ° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Estimates not based on at least six equally-spaced observations each day are in *italics*.

Table representing the Meteorology of the Globe between Latitude 20° N. and 10° N. **JUNE—ZONE 7.**

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
715	Zapotlanejo	19 38	103 37	1529	..	..	..	..	..	..	..	..	..	..	..	..	..	..
716	Morelia	19 42	101 0	1933	..	..	..	..	..	..	..	..	..	..	..	..	..	..
717	Mexico	19 26	99 8	2259	778·7	..	− 0·2	299·2	303·4	5th	285·4	282·3	19th	292·3	+1·0	291·6	39	− 60
718	Oaxaca	17 4	96 44	1563	..	..	..	..	..	..	..	..	..	..	..	..	..	..
718*a*	Salina Cruz	16 12	95 16	56·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
719	San Salvador	13 42	89 12	684	936·1	1012·7	+ 0·4	297·8	310·5	18th	293·9	289·0	22nd	295·9	−0·3	*296·2*	298	+ 33
720	Belize	17 29	88 12	5·2	..	..	..	..	303·6	..	..	296·9	..	..	..	..	269	− 19
721																		
722	Jamaica (Negril Point)	18 15	78 23	10·1	..	1012·9	− 0·6	303·9	305·8	22nd	295·7	293·9	2nd	299·8	+0·1	*299·8*	203	+ 44
723	Port au Prince	18 34	72 22	37·4	1009·5	1013·8	− 0·6	306·2	308·2	21st	295·7	293·8	2nd	300·9	−0·2	299·8	347	+259
723*a*	Caracas	10 31	66 56	1010	899·5	..	− 1·6	299·6	302·4	2nd	286·9	284·2	19th	294·5	−0·2	*293·4*	80	− 26
723*b*	St. Croix (Christiansted)	17 45	64 42	6·6	..	..	..	302·4	303·5	6th	298·2	295·3	8th	300·3	−0·4	*300·3*	92	− 23
724	Montserrat	16 41	62 9	39·6	1009·8	1014·3	− 1·2	305·5	306·9	7, 10, 21	296·8	294·7	1st	301·2	..	*300·6*	77	..
725	Grenada (Richmond Hill)	12 3	61 45	155	994·2	1012·0	− 1·1	302·7	304·1	14th	296·5	294·7	17th, 30th	299·6	+0·6	*299·1*	181	− 38
	Barbados	13 8	59 36	55·2	..	1013·5	− 0·9	303·5	304·5	14th	295·9	293·4	7th	299·7	+0·4	*299·7*	108	− 20
731																		
732	St. Vincent, C. Verde Is.	16 54	25 4	11	1013·1	1014·4	− 0·8	298·4	302·6	12th	294·1	289·5	11th	296·3	−0·2	*295·7*	0	0
733	San Tiago, C. Verde Is.	14 54	23 31	?40	1009·2	1013·8	− 1·4	301·0	305·4	10th	295·2	293·6	2nd	298·1	+0·2	*297·9*	0	0
734	Bathurst	13 24	16 36	1·5	..	1013·2	0·0	302·8	306·9	12th	295·9	294·1	13th, 18th	299·4	0·0	*299·2*	47	− 28
735	M'Carthy Island	13 42	14 46	1·1	..	..	..	309·7	311·9	8th	294·9	291·3	17th, 18th	302·3	−0·5	..	125	+ 20
736	Ségou	13 34	6 17	300	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Timbuctoo	16 43	W 3 1	270	..	..	..	314·0	318·0	3rd	299·6	295·5	1st	306·8	−1·1	*306·3*	5	..
737																		
738	Sokoto	13 2	E 5 14	353	..	..	..	308·8	316·3	2nd	296·0	292·4	24th, 25th	302·4	−0·7	..	84	− 19
739	Kaduna Junction	10 50	7 25	640	..	..	..	302·3	304·7	1, 2, 24	292·7	290·2	3, 9, 14	297·5	−0·1	..	250	+ 25
740	Katagum	12 17	10 22	30·7	..	..	..	..	..	..	..	..	..	..	..	..	65	+ 16
743	Maiduguri	11 47	13 11	361	..	..	..	310·5	315·2	3rd, 7th	297·2	293·0	29th	303·9	−0·2	..	131	+ 76
743*a*	El Obeid	13 11	30 14	569	944·5	1006·7	− 1·4	310·4	312·9	13th	294·5	290·8	23rd	302·4	−0·2	*302·1*	21	− 9
744	Khartoum	15 37	32 33	390	962·7	1005·3	− 1·0	313·3	316·0	4th	299·0	295·0	6th	306·4	−0·8	*305·2*	22	+ 14
	Port Sudan	19 37	37 13	5·9	1002·5	1003·2	− 2·5	314·3	320·0	23rd	299·8	295·6	2nd, 9th	307·0	+1·9	*306·2*	0	0
745																		
746	Berbera, Somaliland	10 22	45 2	10·1	..	1003·0	− 1·6	314·3	316·9	12, 20, 23	303·2	299·1	8th	308·8	+0·1	*308·5*	0	0
751	Aden	12 45	45 3	28·7	1000·2	1003·2	− 2·0	308·1	310·9	9th	302·1	299·3	1st	305·1	+0·2	*304·8*	0	− 2
751*a*	Bombay	18 54	72 49	11·3	1001·2	1002·5	− 2·9	303·8	307·0	1st	299·4	297·6	21st	301·6	−0·2	*300·8*	596	+126
752	Cochin	10 58	76 21	2·7	1008·1	1008·3	− 1·3	302·1	304·1	8th	296·5	295·4	20th	299·3	−0·4	*298·6*	708	− 6
752*a*	Kodaikanal	10 14	77 28	2343	767·6	..	− 1·7	290·4	292·7	10th	284·7	283·4	25th	287·6	−0·7	*286·9*	58	− 40
753	Bangalore	12 59	77 38	920	905·5	1005·5	− 1·8	300·9	304·5	1st	292·2	291·3	11th	296·6	−0·8	*295·5*	38	− 35
754	Madras	13 4	80 14	6·7	1003·2	1003·9	− 1·6	310·6	313·4	8th	300·3	296·7	1st	305·4	+0·3	*304·6*	107	+ 59
755	Waltair	17 45	83 16	68·9	992·2	1000·0	− 2·3	305·1	309·0	2nd	298·9	296·4	11th	302·0	−0·9	*301·3*	129	+ 13
756	Port Blair	11 40	92 40	17·7	1003·8	1005·7	− 1·7	302·7	304·1	27th	298·3	294·9	19th	300·5	−0·2	*299·8*	450	− 39
	Rangoon	16 46	95 48	5·5	1004·6	1005·3	− 1·5	302·3	304·6	2nd, 22nd	297·1	295·5	25th	299·7	−0·8	*298·6*	657	+211
757																		
758	Saigon	10 47	106 42	11·2	1005·1	1006·3	− 1·2	304·8	307·2	1st	296·4	293·8	30th	300·6	−0·4	*300·1*	284	− 5
759	Bolinao	16 24	119 53	9·7	1003·9	1004·3	− 2·0	305·4	308·3	23rd	297·2	295·4	30th	301·3	−0·3	*300·8*	59	+ 3
761	Vigan	17 34	120 23	12·2	..	1005·9	− 1·4	304·1	306·5	7th	297·2	295·4	22nd	300·7	−0·8	300·1	390	+ 9
761*a*	Manila	14 35	120 59	14·2	..	1005·9	− 1·6	305·8	307·6	5th, 9th	296·7	295·8	2, 12, 14	301·3	−0·3	300·7	291	+ 4
762	Ormoc	11 0	124 36	5·6	..	1006·6	− 1·6	305·4	308·1	5th	296·8	295·3	23rd, 24th	301·1	−0·8	300·1	225	− 9
765	Guam, Ladrone Is.	13 24	144 38	20·4	..	1007·5	− 1·0	303·9	305·3	7th	295·9	294·7	23rd	299·9	−0·2	299·5	325	+124
		11 0	124 36	5·6	..	1008·0	− 1·2	302·7	304·0	10th, 27th	297·2	295·4	18th	299·9	−0·6	*300·5*	267	+129
		N.	E.															

Between Latitude 10° N. and 0° N. **JUNE—ZONE 8.**

		N.	W.															
821	Fanning Island	3 55	159 23	4·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
822	Colon	9 23	79 23	7·6	..	1009·9	− 0·4	303·1	305·2	6th	297·1	296·3	24th	300·1	+0·6	*299·7*	363	+ 23
822*a*	Bogota	4 36	74 6	2645	..	..	..	..	..	..	..	..	..	..	..	..	111	+ 65
824	Merida	8 36	71 10	1641	840·8	..	..	297·7	299·7	6th	288·5	286·7	15th	293·1	..	*292·0*	235	..
825	El Peru, Guayanavieja	7 30	62 0	220	985·2	1010·2	− 1·2	302·3	305·1	1st	294·7	289·0	29th	298·5	+0·1	*298·0*	146	− 53
826	Georgetown, Brit. Guiana	6 50	58 12	1·8	..	1013·0	− 2·1	302·1	303·0	2, 3, 4	296·8	295·2	21st	299·4	−0·1	*299·1*	261	− 25
826*a*	Paramaribo	5 49	55 9	3·7	1011·5	1011·9	− 1·9	303·3	304·8	25th	295·8	294·4	28th	299·5	−0·2	*297·9*	197	−101
	Cayenne	4 56	52 21	6	..	..	..	302·8	304·8	25th	295·0	294·0	16, 17, 19	298·9	−0·7	*299·6*	530	+136
833																		
834	Conakry	9 31	13 43	16	..	..	..	..	..	..	..	..	..	..	..	..	..	..
835	Freetown, Sierra Leone	8 30	13 9	68·3	1003·9	1011·7	− 1·0	303·3	305·8	1st, 5th	296·4	293·6	20th, 30th	299·9	0·0	*299·4*	469	− 24
836	Cape Coast Castle	5 5	1 13	?	..	..	..	..	..	..	293·6	291·3	7th	299·4	..	..	500	+280
	Accra	5 12	W 0 12	18	..	..	..	302·7	305·8	4th	295·8	293·6	13th	299·2	+0·5	*298·7*	537	+372
837																		
838	Lagos	6 27	E 3 24	1·8	1013·0	1013·2	− 1·0	302·3	304·3	..	296·5	294·2	..	299·4	+0·5	*299·0*	479	− 4
838*a*	Zungeru	9 49	6 10	130	996·6	1011·5	− 1·4	306·3	308·6	10th	293·3	290·8	11th	299·8	−0·2	..	61	−102
839	Libreville	0 23	9 26	35	1006·1	1010·1	..	304·1	305·6	16th	294·9	293·0	28th	299·5	+1·3	*298·9*	0	− 13
841	Yola	9 12	12 30	259	..	..	..	304·9	308·6	6th	295·5	291·9	18th	300·2	−0·2	..	145	+ 7
843	Wau	7 42	28 3	440	959·5	1008·4	− 1·4	305·8	309·0	8th, 11th	294·3	292·5	9th, 30th	300·0	−0·4	*298·4*	170	+ 1
843*a*	Malakal (Kodok)	5 11	31 47	439	959·9	1008·7	− 1·4	303·7	307·5	12th	294·0	292·5	14th, 30th	298·8	−0·8	*297·4*	174	+ 57
844	Entebbe	9 35	31 37	394	..	..	..	305·8	310·0	8th	294·3	292·0	5th	300·0	−0·1	*298·6*	224	+ 91
845	Harrar	0 5	32 29	1171	884·1	..	− 0·7	298·9	299·7	10th, 13th	290·9	289·8	1, 2, 8	294·9	+0·8	*293·5*	248	+119
851	Minicoy	9 42	42 30	1856	..	..	..	299·6	301·0	sev. dates	288·1	287·0	sev. dates	293·8	+0·6	..	148	+ 58
852	Colombo Observatory	8 17	72 49	2·1	1009·1	1009·3	− 0·6	..	..	..	..	..	..	..	..	..	328	+ 61
853	Nuwara Eliya	6 54	79 53	7·3	1006·8	1007·6	− 0·7	302·4	303·7	1st	297·8	295·4	13th, 20th	300·1	−0·6	*299·4*	202	+ 10
854	Trincomalee	6 59	80 47	1886	..	..	..	291·6	295·5	30th	286·3	282·5	30th	289·0	+0·5	*288·3*	292	− 37
855	Kota Radja	8 34	81 14	30·2	1001·0	1004·4	− 0·8	306·4	308·8	29th	298·7	296·3	18th	302·6	−0·1	*301·9*	1	− 32
856	Medan	5 32	95 20	7·1	..	1007·6	− 2·2	..	..	..	..	..	..	..	..	..	61	− 34
857	Penang	5 25	100 20	6·3	1007·4	1008·1	− 1·7	304·6	306·3	4th	295·9	295·8	1st	300·3	−0·5	*299·7*	80	−117
858																		
859	Singapore	1 17	103 51	3·0	1007

Table representing the Meteorology of the Globe between Latitude 0° and 10° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total	Precipitation: Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
905	Malden Island	4 2	155 1	7·9	1009·9	1010·8	+ 0·4	305·5	306·3	sev. dates	296·7	295·2	30th	301·1	−1·1	*300·3*	13	− 32
921	Quito	0 10	78 35	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
924	Manaos	3 8	60 1	44·9	1006·5	1011·7	− 1·8	302·7	306·4	12th	296·0	294·2	20th	299·3	−1·1	*298·7*	120	+ 47
926	Taperinha	2 30	54 42	20·0	1009·4	1011·7	..	..	..	..	294·8	293·0	30th	..	..	*297·3*	133	..
927	Turyassu	1 43	45 27	15·0	1009·8	1011·5	− 0·8	303·9	305·3	4th	294·5	293·1	20th	299·2	−0·7	*297·8*	302	+ 91
928	Barra do Corda	5 31	45 16	81·0	1001·9	1011·3	− 0·7	304·8	305·8	16th	291·2	288·4	19th	298·0	−0·8	*296·8*	27	+ 8
929	Quixeramobim	5 16	39 15	207	989·4	1013·1	− 0·8	302·0	304·1	4th	295·4	293·2	30th	298·7	−1·0	*298·3*	130	+ 95
930	Fernando Noronha	3 50	W32 55	95·0	1000·6	1011·6	− 1·1	299·6	300·3	19th	296·4	294·4	23rd	298·0	..	*297·7*	112	− 1
939	Loanda	8 49	E 13 13	59·3	..	1011·9	− 2·7	297·5	299·4	5th	292·8	291·0	24th	295·1	+0·6	294·9	0	0
940	Brazzaville	4 17	15 16	290	977·4	1010·6	..	301·4	304·0	2nd, 11th	289·8	287·0	29th	295·6	−0·8	*294·8*	0	− 9
943	Masaka	0 21	31 47	?1280	..	..	..	296·7	300·2	17th	288·1	286·9	26th, 28th	292·4	+0·2	*292·5*	25	− 18
944	Nairobi	1 15	36 44	1800	..	..	..	293·6	296·9	13th	283·6	279·7	13th	288·6	−0·4		49	0
944*a*	Zanzibar	6 10	39 11	21·9	1014·2	1016·7	− 1·6	301·0	301·9	5th, 20th	296·6	295·0	12th	298·8	+0·3	*298·2*	35	− 10
945	Lamu	2 16	40 54	3·1	..	..	..	302·4	303·6	1st	297·4	296·9	1st	299·9	−0·2	*299·5*	230	+ 83
947	Seychelles, Port Office	4 37	55 27	4·6	1010·2	1010·7	− 0·9	300·9	301·9	8th	298·4	296·7	1st	299·7	+0·3	*299·3*	109	− 8
957	Padang	0 56	100 22	6·7	..	1009·3	− 1·8	304·5	305·7	26th	296·2	294·4	28th	300·3	..	299·6	87	−253
958	Batavia	6 11	106 50	8·0	1008·0	1008·9	− 1·0	303·2	304·9	5th	296·3	295·3	18th	299·7	+0·2	299·3	57	− 35
958*a*	Pontianak	0 1	109 20	2·6	..	1008·8	− 1·1	303·9	306·1	5th	296·6	295·0	24th	300·3	..	299·3	139	− 93
959	Passeroean	7 38	112 55	5·0	..	1009·1	− 1·4	303·4	305·2	7th	293·9	291·1	9th	298·7	−0·4	298·7	43	+ 22
960	Kajoemas	7 56	114 9	1060	..	..	..	297·9	299·6	4th	290·6	288·9	8th	294·3	..	293·5	24	− 49
962	Ambon	3 42	128 10	4·2	..	1009·2	− 0·8	301·1	303·6	12th	295·9	294·5	27th	298·5	+0·2	298·0	662	+ 36
963	Manokwari	0 52	134 20	19·0	..	1008·2	− 0·9	..	..	..	..	..	..	..	..	..	66	− 54
965	Daru	9 4	143 13	7·6	..	1009·9	− 1·6	301·4	..	..	..	..	..	..	..	..	31	− 74
966	Port Moresby	9 29	147 9	39·0	..	1009·2	− 1·7	302·8	..	..	296·2	..	..	299·5	0·0	*299·0*	4	− 16
967																		
968	Rendova	8 30	157 12	1·8	1008·7	1008·9	− 0·9	..	..	..	..	..	..	..	..	..	463	+113
969	Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	1010·0	1010·2	+ 0·1	303·1	305·2	3rd	298·6	295·8	29th	300·8	+0·6	*300·4*	207	+ 63
970	Ocean Island	0 52 S.	169 35 E.	25·6	1003·9	1006·9	− 1·1	304·4	305·2	5, 7, 21	297·7	295·2	3rd, 12th	301·1	+0·1	*300·4*	17	− 113

JUNE—ZONE 10. Between Latitude 10° S. and 20° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total	Precipitation: Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1002	Apia, Samoa	13 48	171 46	2	..	1011·9	+ 0·5	302·1	303·4	19th	295·6	293·9	16th	298·9	+0·3	298·4	314	+107
1003	Alofi, Niue Island	19 2	169 55	36·6	..	..	..	301·1	303·6	1st, 21st	291·6	288·6	16th	296·3	..	*295·7*	277	+208
1007	Makatea	15 47	148 14	47	1008·4	1013·8	..	302·3	304·9	..	295·1	293·0	..	298·7	..	*298·2*	170	+109
1021	Arequipa	16 22	71 33	2451	761·0	..	− 0·8	291·6	293·6	2nd	280·4	276·3	29th	286·0	−0·9	*285·4*	0	− 1
1022	Puerto de Arica	18 28	70 20	5	..	..	..	289·4	292·0	sev. dates	284·5	282·0	29th	286·9	−1·3	*288·3*	0	0
1023																		− 1
1024	Sucre, Bolivia	19 30	64 24	2848	728·0	..	..	288·4	295·5	12th	276·2	270·4	17th	282·3	−4·2	*282·1*	1	− 23
1025	Corumba	19 0	57 39	116	1001·8	1015·6	+ 1·6	297·3	312·0	1st, 2nd	..	..	..	..	..	*292·1*	25	− 7
1026	Cuyaba	15 36	56 6	165	995·4	1014·6	+ 1·1	300·0	306·1	3rd	291·2	284·8	25th	295·6	−2·3	*294·9*	0	− 6
1027	Bello Horizonte	19 55	43 55	857	921·4	1018·5	− 1·0	296·7	299·3	3rd	283·9	279·8	29th	290·3	+0·3	*290·3*	4	+ 5
1028	Caetite	14 2	42 36	900	917·6	1018·8	+ 0·3	296·7	298·8	21st	287·0	284·3	10th	291·9	−0·9	*292·1*	16	− 19
1029	Ondina (Bahia)	13 0	38 30	47·0	1010·9	1016·4	− 0·5	300·0	301·8	8th	294·4	293·0	14th	297·2	−0·2	*296·7*	279	+ 15
1030	Aracaju	10 55	37 3	4·0	1015·1	1015·5	− 0·9	301·7	303·7	11th	296·1	294·2	11th	298·9	+0·1	*298·5*	128	− 7
1035	St. Helena	15 57	W 5 40	632	945·7	1017·7	− 1·5	292·6	297·4	3rd	285·6	283·3	30th	289·1	0·0	*288·9*	92	− 2
1042	Gwelo	19 28	E 29 47	1417	864·2	..	− 1·2	295·8	300·2	13th	..	..	..	..	..	..	0	− 2
1043	Salisbury, Rhodesia	17 48	31 5	1457	858·9	..	− 1·9	296·1	300·2	12th	278·1	273·2	3rd	287·1	+0·3	..	0	− 5
1044	Zomba	15 23	35 18	?945	911·0	1017·4	− 1·1	295·6	298·6	11th, 12th	284·7	278·0	8th	290·2	+0·1	*289·3*	9	− 2
1045	Tananarivo	18 55	47 32	1400	867·1	..	− 0·5	293·7	296·1	14th	282·9	279·5	28th	288·3	+0·4	*287·1*	5	..
1046	Sainte-Marie	17 0	49 51	15	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1055	Cocos Keeling Is.	12 5	96 53	4·6	1010·1	1010·6	− 1·4	301·9	303·6	9th, 14th	297·7	295·2	27th	299·8	+0·4	*299·4*	368	+127
1056																		
1057	Christmas Island	10 25	105 43	5·5	1007·1	1007·7	− 1·3	304·6	305·8	..	296·6	295·2	..	300·6	+0·8	*300·1*	103	− 44
1058																		
1061	Koepang	10 10	123 34	45·1	..	1010·0	− 1·2	304·8	306·3	11th	294·6	292·0	21st	299·7	..	299·3	19	+ 9
1061*a*	Derby	17 18	123 40	16·2	1010·7	1012·6	− 2·0	304·1	308·0	5th	291·3	285·2	22nd	297·7	+2·0	..	3	− 12
1062	Hall's Creek	18 13	127 46	374	971·1	1012·9	− 3·4	304·0	308·0	15th	286·4	277·3	30th	295·2	+3·5	..	0	− 5
1063	Port Darwin	12 28	130 51	29·6	1007·2	1010·6	− 1·3	305·4	307·7	2nd	295·6	293·0	5th	300·5	+1·4	*299·3*	0	− 4
1064	Daly Waters	16 16	133 23	211	986·7	1010·3	− 3·9	304·9	306·9	5, 16, 27	289·5	283·6	25th	297·2	+3·0	*296·5*	0	+ 57
1065	Mein	13 13	142 47	122	996·3	1010·2	− 1·5	302·7	304·7	22nd	291·7	287·4	18th	297·2	+0·6	*296·5*	66	+ 10
1066	Georgetown, Queensland	18 22	143 32	302	979·1	1013·4	− 1·7	302·4	305·2	4th, 26th	287·3	275·2	30th	294·9	+1·4	..	0	− 74
1067	Samarai	10 37	150 40	15·2	..	..	..	300·8	..	..	296·5	..	..	298·6	0·0	*298·2*	198	+172
1072	Suva, Fiji	18 8 S.	178 26 E.	16·8	1012·0	1014·0	− 1·2	300·3	302·4	20th	293·8	291·2	30th	297·1	+0·3	*296·7*	328	− 13
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Estimates not based on at least six equally-spaced observations each day are in *italics*.

Table representing the Meteorology of the Globe between Latitude 20° S. and 30° S. JUNE—ZONE 11.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total	Precipitation: Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1105	Rarotonga (Avarua)	21 12	159 47	6	..	..	..	298·2	300·8	29th	292·9	290·8	3rd, 4th	295·6	+0·7	*295·2*	68	− 41
1106																		
1121	Punta Tortuga, Coquimbo	29 56	71 21	27	1015·6	1018·9	+ 1·4	287·2	290·0	14th	280·0	277·5	20th	283·6	−1·3	*283·7*	0	− 47
1122	Iquique	20 12	70 11	9	1016·0	1017·1	+ 1·4	290·6	291·8	1st, 2nd	284·2	282·6	22nd	287·4	−1·6	*287·9*	0	0
1123	Catamarca	28 27	65 47	510	..	1020·2	+ 3·2	289·2	295·5	13th	274·0	270·2	9th	281·6	−3·3	*280·8*	0	− 3
1124	Salta	24 46	65 28	1178	886·7	1019·2	+ 2·5	286·7	297·0	4th	272·0	266·1	16th, 30th	279·3	−3·9	*280·2*	2	+ 1
1125	Goya	29 9	59 15	26	..	1019·6	+ 1·9	289·6	294·6	18th	277·0	273·0	16th	283·3	−4·4	*282·3*	19	− 21
1126	Asuncion	25 21	57 37	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1127	Curityba	25 25	49 17	908	915·3	1019·1	− 2·5	292·2	298·1	7th	282·1	275·9	20th	287·1	+1·2	*286·0*	69	− 29
1128	Rio de Janeiro	22 54	W43 10	61·4	1010·4	1017·7	− 1·4	298·1	304·2	3rd	292·2	287·2	25th	295·1	+1·2	294·9	311	+253
1139	Windhoek	22 34	E 17 6	1665	..	..	..	292·7	295·5	12th	281·3	278·4	18th	287·0	+0·6	*286·9*	0	− 1
1140																		
1141	Kimberley	28 42	24 47	1202	886·3	..	− 2·0	292·2	298·0	14th	274·2	270·2	8th	283·2	−0·1	282·2	0	− 8
1142	Johannesburg	26 11	28 4	1806	824·3	..	− 3·1	290·1	293·8	12th	279·3	276·2	6th	284·7	+1·3	*284·2*	0	− 3
1142*a*	Pretoria	25 45	28 12	1338	872·7	..	..	294·1	297·6	1st	273·1	270·6	10th	283·6	−0·5	..	0	− 27
1143	Durban	29 52	31 3	15·2	1017·1	1018·9	..	295·6	299·7	4th	285·2	282·4	27th	290·4	+0·1	*289·7*	0	− 29
1144	Lorenzo Marques	25 58	32 36	59·5	..	1020·0	− 2·0	298·2	304·6	28th	286·5	282·8	7th	292·3	+0·6	291·9	6	− 8
1147	Mauritius	20 6	57 33	55·2	1010·9	1017·5	− 1·5	297·1	299·0	2nd	290·9	287·9	23rd	294·0	+0·1	293·7	46	− 25
1159	Onslow	21 43	114 57	4·3	1011·8	1012·3	− 3·2	298·8	303·6	1st	287·3	282·5	20th	293·0	+1·1	..	94	+ 49
1160	Peak Hill	25 38	118 47	588	947·0	1014·5	− 3·1	289·8	298·9	3rd	283·1	277·6	21st	286·4	−0·6	..	140	+104
1161	Nullagine	21 53	120 5	386	970·2	1014·1	− 3·3	297·8	304·7	2nd	283·6	277·4	23rd	291·7	+2·2	..	24	− 3
1162	Laverton	28 40	122 23	466	962·4	1016·7	− 3·4	289·9	299·2	3rd	270·3	271·8	21st	284·6	−0·5	..	22	− 2
1163	Alice Springs	23 38	133 37	587	948·0	1014·8	− 4·4	294·6	303·6	5th	282·5	273·6	23rd	288·6	+3·1	*288·4*	23	+ 9
1164*a*	William Creek	28 55	135 21	76·2	1006·1	1015·2	− 4·7	291·1	300·8	4th	281·3	276·9	17, 18, 23	286·2	+1·0	*286·0*	24	+ 8
1164	Boulia	22 55	139 38	146	996·6	1013·6	− 3·2	298·4	305·3	10th	283·1	277·5	23rd, 30th	290·8	+2·4	..	26	+ 16
1165	Thargomindah	27 58	143 43	123	999·8	1014·4	..	292·0	301·3	6th	282·8	275·8	23rd, 24th	287·4	..	..	72	..
1166	Mitchell	26 32	147 52	336	..	..	..	292·6	298·8	13th	280·3	271·6	24th	286·4	+1·6	..	81	+ 38
1167	Rockhampton	23 24	150 30	11·3	1014·6	1015·7	− 2·1	297·3	303·7	16th	286·5	276·7	24th	291·9	+1·5	*291·2*	46	− 4
1168	Brisbane	27 28	153 2	11·6	1015·2	1016·5	− 1·5	293·1	297·1	10th	284·1	277·4	25th	288·6	0·0	*288·6*	71	+ 6
1169	Quitchambo	21 52	166 3	38	1008·7	1013·2	..	299·6	303·0	18th	287·2	282·3	21st	293·4	..	..	112	− 44
1170	Norfolk Island	29 5 S.	167 53 E.	15·2	1014·4	1015·8	− 0·9	293·2	295·2	17th	289·6	287·4	20th, 30th	291·4	+1·2	*291·1*	141	− 18

Between Latitude 30° S. and 40° S. JUNE—ZONE 12.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total	Precipitation: Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1221	Juan Fernandez	33 37	78 50	10	..	..	..	287·1	288·9	18th	283·4	281·7	6th	285·3	−1·0	*285·7*	63	− 91
1221*a*	Punta Tumbes	36 37	73 6	91	1009·9	1020·2	+ 3·6	284·6	286·6	sev. dates	277·9	274·5	8th	281·3	−2·6	*281·2*	33	− 85
1222	Punta Angeles, Valparaiso	33 1	71 38	41	1014·7	1019·5	+ 1·6	287·1	291·3	10th	278·6	275·4	7th	282·9	−2·8	*282·5*	4	−140
1222*a*	Santiago	33 27	70 42	520	958·0	1020·5	+ 2·4	286·1	295·2	16th	272·9	269·0	15th	279·5	−2·4	*278·5*	6	− 77
1223	Cordoba	31 25	64 12	423	969·5	1020·7	+ 3·5	288·8	299·6	..	270·5	264·5	..	279·7	−3·9	278·9	0	− 7
1224	Bahia Blanca	38 45	62 15	25	..	1018·2	+ 1·9	283·2	291·5	1st	273·9	268·5	7th	278·5	−3·3	278·2	23	− 2
1225	Buenos Ayres	34 46	58 22	25	..	1019·8	+ 1·4	284·8	289·3	12th	273·4	269·8	6th	279·1	−4·7	278·9	7	− 61
1226*a*	Montevideo (Prado)	34 53	56 12	24·9	1016·5	1018·3	+ 0·9	..	290·1	..	..	270·6	..	..	−3·6	280·3	13	− 57
1226	Rio Grande	32 2	W52 9	2	1017·3	1017·5	+ 0·4	286·4	290·8	4th	279·7	274·5	9th	283·1	−3·3	*283·3*	60	− 6
1239	Cape Town	33 56	E 18 29	11·3	..	1019·4	− 1·1	288·5	292·3	25th	281·6	273·7	5th	285·1	−1·1	*283·9*	105	− 8
1240	Danger Point	34 37	19 18	19·5	..	..	..	288·2	295·2	10th	282·5	278·6	6th	285·3	..	..	92	..
1241	Heidelberg	34 5	20 58	30·5	..	..	..	292·5	299·7	26th	275·3	270·2	30th	283·9	..	..	21	− 12
1242	East London	33 2	27 53	9·8	1017·0	1018·2	− 3·4	293·9	303·6	18th	280·8	274·1	10th	287·3	−1·6	..	0	− 42
1259	Perth (Observatory)	31 57	115 50	60·0	1008·6	1015·8	− 2·1	289·8	293·0	1st	282·3	276·3	20th	286·1	−0·7	..	195	+ 21
1260	Katanning	33 42	117 35	310	977·7	1014·6	− 2·5	287·3	290·1	23rd	278·8	273·3	15th	283·0	−0·8	..	57	− 14
1261	Coolgardie	30 57	121 10	423	966·2	1016·0	− 2·9	288·2	292·9	1st	279·7	275·2	20th, 22nd	283·9	−0·6	..	32	+ 1
1262	Eucla	31 45	128 58	4·6	1013·0	1013·6	− 4·9	290·3	297·4	1st	280·9	276·3	23rd	285·6	−0·7	..	30	+ 3
1263	Streaky Bay	32 48	134 13	13·1	1013·1	1014·7	− 4·7	288·9	293·6	3rd	282·9	278·0	16th	285·9	+0·3	..	119	+ 48
1264	Adelaide	34 56	138 35	42·7	1007·3	1012·5	− 6·6	287·7	291·2	5th	281·3	277·2	18th	284·5	−0·4	*284·4*	218	+140
1265	Melbourne	37 49	144 58	35·1	1007·9	1012·2	− 6·3	286·4	292·2	1st	279·6	273·3	16th	283·0	−0·2	282·8	41	− 12
1266	Bourke	30 13	145 58	110	1004·2	1017·5	− 2·3	290·8	299·7	8th	281·6	275·2	23rd, 24th	286·2	+1·1	..	68	+ 40
1267	Sydney	33 52	151 12	44·5	1008·0	1013·3	− 4·6	289·1	293·6	10th	283·4	278·2	20th	286·3	+0·9	..	56	− 71
1268	Lord Howe Island	31 32	159 4	4·6	1013·9	1014·5	..	292·9	295·2	14th	286·0	282·6	6th	289·7	..	..	161	− 29
1271	Auckland	36 50	174 50	38·1	..	1018·2	..	289·6	292·4	10th, 12th	283·8	278·0	3rd	286·7	+1·8	..	160	+ 40
1272	Napier	39 32 S.	176 53 E.	21·3	..	1019·3	+ 6·4	288·1	293·6	8th	278·7	273·0	28th	283·4	+0·3	..	71	− 20

Between Latitude 40° S. and 50° S. JUNE—ZONE 13.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total	Precipitation: Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1301	Chatham Island	43 52	170 42	104	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1321	Isla Huafo	43 34	74 45	140	1003·1	1020·3	+ 7·3	282·1	290·8	20th	278·3	274·9	4th	280·2	−0·7	*280·7*	90	− 55
1322	Punta Galera	40 1	73 44	40	1016·8	1021·7	+ 6·9	284·3	288·5	20th	277·9	275·2	4th, 6th	281·1	−1·5	*281·1*	90	−269
1323	Sarmiento	45 30	69 0	274	..	1015·8	..	280·2	288·8	16th	271·7	262·9	6th	275·9	−0·4	275·6	3	..
1324	Punta Madryn	42 49	W64 58	14	..	1015·6	..	283·7	294·6	17th	273·6	266·4	6th	278·7	−1·8	278·3	4	− 16
1365	Launceston	41 27	E147 10	10·1	1009·0	1010·2	− 5·4	285·2	288·5	1st	276·5	270·3	19th	280·8	−0·2	..	118	+ 29
1366	Hobart	42 53	147 20	53·9	1002·6	1009·8	− 4·4	284·4	289·3	13th	277·6	272·6	16th	281·0	−0·2	*280·4*	65	+ 9
1370	Invercargill	46 25	168 21	5·5	..	..	..	284·1	290·2	19th	276·2	267·4	2nd, 3rd	280·2	+1·1	..	78	− 10
1371	Dunedin	45 52	170 31	91·4	..	1014·2	+ 2·2	285·3	293·0	5th, 10th	278·4	271·9	2nd	281·8	+2·6	..	142	+ 63
1371*a*	Christchurch	43 32	172 38	7·6	..	1015·9	+ 1·8	285·6	292·4	6th	278·1	269·8	3rd	281·8	+2·2	..	48	− 23
1372	Wellington	41 16 S.	174 46 E.	2·4	..	1018·5	+ 4·8	287·2	289·7	1st	281·9	274·9	27th	284·6	+1·9	..	34	− 91
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Estimates not based on at least six equally-spaced observations each day are in *italics*.

JUNE—ZONE 14.

Table representing the Meteorology of the Globe between Latitude 50° S. and 60° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1421	Islota de los Evangelistas	52 24	75 6	55	1002·6	1009·4	+ 6·6	279·5	283·2	22nd	275·9	273·5	13th	277·7	+0·2	*277·8*	196	— 19
1422	Puerto de Punta Arenas	53 10	70 54	4	1005·4	1005·9	+ 2·9	277·3	280·0	8th, 25th	272·8	269·5	17th, 18th	275·1	+0·1	*275·4*	31	— 26
1423	Punta Dungeness	52 24	68 26	5	1006·3	1006·9	+ 4·9	280·1	282·0	2nd	272·4	270·0	8th, 23rd	276·3	+0·6	*276·9*	1	— 19
1424	Santa Cruz	52 22	68 21	12	..	1008·2	+ 2·2	278·4	282·7	15th	272·0	261·0	5th	275·2	0·0	275·0	12	— 1
1424a	Año Nuevo	54 39	64 9	50	993·5	999·7	..	277·0	279·3	24th	273·6	270·9	29th	275·3	..	275·4	84	..
1425	Stanley, Falkland Is.	51 41	57 51	4	..	..	..	..	..		..	..	..	..	..	..	76	+ 29
1426	Cape Pembroke	51 41	57 42	21	..	999·5	— 3·0	277·6	280·2	1st, 25th	272·2	270·2	4, 5, 30	274·9	−0·7	275·4	..	..
1429	S. Georgia (Cumberland Bay)	54 14 S.	36 33 W.	4	993·8	994·3	— 3·8	273·6	280·6	24th	268·6	264·2	21st	271·1	−0·2	*271·2*	191	+ 67

JUNE—ZONE 15.

Between Latitude 60° S. and 70° S.

1527	South Orkneys	60 44 S.	44 39 W.	6·1	..	997·9	+ 2·3	..	277·2	..	..	246·8	..	..	−0·8	262·4	18	— 11
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Estimates not based on at least six equally-spaced observations each day are in *italics*.

DAILY OBSERVATIONS OF WIND WITHIN THE TROPICS.—JUNE 1916.

Date.	St. Helena. 1035. Direction.	St. Helena. 1035. *Mean Velocity for the Day.	Fanning Island. 805. Direction and Force.		Sierra Leone. 834. Direction and Force.		Entebbe. 844. Direction and Force.		Malden Island. 905. Direction and Force.	Tulagi. 969. Direction and Force.	Ocean Island. 970. Direction and Force.		Suva, Fiji. 1072. Direction and Force.	
	9h.	m/s	9h.	21h.	9h.	17h.	7h.	21h.	9h.	9h.	9h.	21h.	9h.	2
1	SE	3·6	..	..	SE 1	SW 2	W 3	W 2	E 1	SE 2	ESE 4	ESE 2	SE	3
2	SE	4·7	..	..	SE 1	Calm 0	W 5	W 2	ESE 2	Calm 0	E 3	Calm 0	SE	3
3	SE	6·1	..	..	E 1	E 1	W 3	S 2	E 2	SE 2	Calm 0	Calm 0	SE	4
4	SSE	7·5	..	..	Calm 0	NW 1	W 3	W 2	ENE 3	SE 2	SE 4	SE 3	SE	3
5	SE	8·2	..	..	E 1	Calm 0	W 3	W 4	ESE 2	SE 2	SE 5	SE 5	E	4
6	SE	7·6	..	..	E 1	E 1	W 3	W 3	E 2	SE 6	SE 5	SE 3	NE	2
7	SE	9·1	..	..	E 1	Calm 0	W 3	W 3	ESE 3	SE 6	ESE 4	SE 4	NE	1
8	SE	9·5	..	..	NW 1	Calm 0	Calm 0	W 3	ESE 2	SE 10	ESE 3	SE 3	Calm	0
9	SE	8·6	..	..	E 1	Calm 0	N 5	N 4	E 2	SE 6	ESE 4	SE 3	Calm	0
10	SE	7·3	..	..	W 1	Calm 0	SW 3	W 3	ESE 3	SE 10	E 4	E 3	Calm	1
11	SE	—	..	..	Calm 0	Calm 0	W 3	W 3	ENE 3	SE 6	E 3	Calm 0	NE	2
12	SE	7·7	..	..	E 1	Calm 0	Calm 0	SW 4	ESE 2	SE 6	E 2	Calm 0	NE	0
13	SE	9·4	..	..	Calm 0	NW 1	Calm 0	SW 2	E 3	SE 4	SE 4	SE 3	Calm	0
14	SE	9·9	..	..	Calm 0	SE 1	W 3	SW 5	ENE 2	SE 6	SE 5	SE 4	NE	2
15	SE	8·6	..	..	E 1	Calm 0	Calm 0	N 2	E 3	Calm 0	SE 4	SE 4	NE	0
16	SE	7·6	..	..	SE 3	Calm 0	Calm 0	W 3	ESE 2	SE 6	E 5	E 5	Calm	0
17	SE	9·7	..	..	E 1	Calm 0	SW 5	SW 2	ESE 3	SE 4	E 5	SE 4	Calm	1
18	SE	7·6	..	..	E 1	W 2	N 2	N 2	ENE 2	SE 6	E 4	E 5	SE	2
19	SSE	—	..	..	W 1	W 2	W 3	W 3	ENE 3	SE 6	E 4	E 4	SE	2
20	SE	—	..	..	W 1	SW 3	SW 3	SW 4	E 2	SE 6	ESE 4	ESE 4	NE	1
21	SE	4·1	..	..	W 1	Calm 0	W 3	SW 2	NE 2	SE 2	SE 4	SE 3	Calm	0
22	SE	4·9	..	..	Calm 0	E 1	W 3	W 3	E 3	SE 4	SE 3	SE 1	Calm	1
23	SE	5·4	..	..	Calm 0	NW 2	W 3	SW 2	ESE 3	SE 4	ESE 3	E 1	SE	1
24	SE	2·9	..	..	Calm 0	Calm 0	Calm 0	SW 2	N 2	SE 6	SE 2	SE 1	NE	2
25	Calm	0·6	..	..	Calm 0	Calm 0	W 3	W 3	NE 3	SE 4	SE 2	Calm 0	SE	3
26	Calm	1·8	..	..	Calm 0	Calm 0	W 3	N 2	E 2	SE 8	ESE 3	SE 3	S	2
27	SE	3·3	..	..	W 1	W 2	W 3	SW 2	ESE 2	SE 8	E 3	E 3	SE	2
28	SE	2·6	..	..	E 1	Calm 0	W 3	W 3	E 3	SE 8	E 3	E 4	SE	3
29	Calm	1·5	..	..	Calm 0	NE 2	W 3	SW 2	E 2	SE 2	E 3	E 3	SE	3
30	Calm	3·4	..	..	E 1	Calm 0	W 3	N 2	ESE 2	Calm 0	ESE 4	SE 2	SE	2
Mean	..	6·0	..	..	0·8	0·6	2·6	2·7	2·4	4·7	3·5	2·7	1·7	
†Resultant	155° (85)	..	..		100° (9)		265° (66)		90° (87)	135° (89)	115° (83)		110° (55)	
†Normal	136° (84)	6·4	110° (71)		267° (19)		245° (40)		87° (84)	131° (81)	109° (53)		97° (40)	

* Velocity of the South-East Trade Wind at 632 metres.
† Direction and "constancy." For explanation see Introduction.

STATE OF ICE IN THE ARCTIC SEAS AND IN THE NORTH ATLANTIC.—JUNE 1916.

* *The White Sea* was closed to navigation at the beginning of the month; about the middle, navigation on Archangel was opened but much ice still remained.

* *Barents Sea* was completely covered. The Murman coast was free and the sea open as far as C. Kanin. The edge, consisting of scattered ice, stretched NW from Kolgujew. The ice round Hope Is. and Bear Is. was still scattered, the coasts of Bear Is. being free. The area covered was 1196×10^3 sq. km., compared with a normal of 841×10^3 sq. km.

* *Spitsbergen.*—A broad belt of scattered, old ice stretched from S. Cape nearly to Danes Is., off which lay large masses of ice. An open channel lay between Danes Is. and the polar ice at 80° N. The northern end of Hinlopen Str. was free by the middle of the month but the mouth was barred by polar ice until the 30th.

* *Greenland Sea, Iceland and Denmark Strait.*—No ice was seen at Grimsey and the coasts of Iceland were free except at C. North, where the ice was visible on 15 days, the normal duration being 7 days. The ice, which on the 8th was 60 miles off shore, drifted SE at 8 miles per diem until the 12th, although the wind was southerly. The ice continued to edge SE and by the 22nd was lying close to C. North. At Angmagsalik the ice was packed close to the shore with open sea visible beyond except at the end of the month when a little scattering took place. The area covered was 960×10^3 sq. km., compared with a normal of 921×10^3 sq. km.

North Atlantic and Labrador.—Very little ice on the Newfoundland banks, the southernmost berg being in 38° 27′ N. Icebergs were plentiful in Belle Is. Str.

* *Davis Strait.*—The Sea round C. Farewell was free for the first half of the month, later, ice came into the shore. The coast was free up to Nugsuak, where the west ice reached the coast early in the month.

* *Isforholdene i de arktiske Have, 1916* published by the Danish Meteorological Institute.

RÉSEAU MONDIAL, JULY 1916.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF JULY 1916 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE.

Between Latitude 80° N. and 70° N.

JULY—ZONE 1.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
123	Inglefield Bay	77 20	67 30	?	1004·6	..	— 5·8	..	..	..	..	..	..	..	..	*276·8*	16	..
124	Upernivik	72 47	W56 7	18·9	1003·9	1006·2	— 5·0	280·4	284·8	18th	273·5	271·0	20th	276·9	−2·0	*276·0*	38	+ 15
125																		
126																		
139	Spitsbergen (Green Harbour)	78 2	E 14 14	11·4	1011·8	1013·2	+ 0·3	..	283·8	1st	275·8	272·7	9th	..	+0·3	278·0	22	+ 3
140																		
141																		
142	Gjesvaer	71 6	25 22	6·5	1012·6	1013·4	+ 1·8	..	297·8	3rd	283·3	273·8	31st	..	+3·0	*285·8*	31	— 20
143	Mehavn	71 1	27 47	6·4	1012·8	1013·6	+ 1·5	..	298·2	3rd	281·9	276·8	26th	..	+2·5	*285·1*	8	— 48
	Vardö	70 22	31 8	10·0	1013·4	1014·6	+ 2·8	..	293·5	18th	280·8	277·5	9th	..	+1·3	*282·9*	15	— 32
147	Malye Karmakouly	72 23	52 43	14·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
148	Waigatz	70 24	58 47	11·2	1011·4	1012·8	+ 2·2	278·9	289·4	31st	273·3	269·3	5th	276·1	..	*276·9*	11	..
		N.	E.															

Between Latitude 70° N. and 60° N.

JULY—ZONE 2.

203	Nome	64 31	165 24	4·6	1012·6	1013·2	+ 1·1	287·9	293·0	..	279·8	273·0	..	283·9	+0·4	..	38	— 31
204	Candle	65 55	161 57	2·4	..	..	..	292·4	300·8	31st	279·0	271·9	29th	285·7	..	..	17	..
205	Tanana	65 8	152 0	73·8	1003·1	1011·9	— 0·6	296·0	301·3	..	280·1	273·0	..	288·0	+0·3	..	40	— 13
206	Rampart	65 30	150 15	122	..	..	..	298·4	304·1	19th, 22nd	282·3	276·9	15th	290·3	..	..	27	— 10
207	Valdez	61 7	146 16	8·2	1012·5	1013·5	— 2·6	290·7	293·6	..	280·9	276·9	..	285·8	+0·5	..	22	— 50
208	Eagle	64 46	141 12	248	977·9	1006·9	— 2·6	295·8	302·4	..	280·8	271·9	..	288·3	+1·0	..	40	— 1
209																		
210	Dawson	64 4	139 20	328	969·3	1007·6	— 5·9	295·2	301·3	1st	281·3	273·6	21st	288·3	0·0	..	26	— 25
211	Carcross	60 11	134 34	662	..	..	..	291·1	296·9	27th	279·2	274·1	8th	285·1	−0·1	..	21	— 8
212	Fort Good Hope	66 15	128 53	65·2	1003·7	1011·5	..	294·7	304·1	1st	280·9	274·1	4th	287·8	..	..	42	..
213	Fort Simpson	61 52	121 35	129	992·9	1007·8	..	295·2	305·2	1st	282·4	273·0	22nd	288·8	+0·1	*289·6*	47	+ 1
214	Hay River	60 51	115 20	161	988·5	1007·4	..	292·4	304·1	1st	282·4	274·7	6th	287·4	−2·0	..	24	..
225																		
226	Jacobshavn	69 13	51 2	12·6	1002·2	1003·7	— 7·8	283·5	289·0	12th	276·7	273·7	5th, 25th	280·1	−0·2	*279·7*	47	+ 17
227	Godthaab	64 11	51 44	9·0	1002·0	1003·1	— 6·7	285·0	289·4	7th	276·5	273·6	6th	280·7	+0·1	*279·7*	41	— 18
229	Ivigtut	61 12	48 10	5·0	1003·9	1004·5	— 5·1	..	..	..	278·6	275·5	12th	..	+0·1	*283·0*	162	+ 78
	Angmagsalik	65 37	37 34	31·7	1001·8	1005·6	— 5·6	284·0	291·4	1st	275·6	271·7	5th	279·8	−0·4	*279·4*	127	+ 71
231																		
232	Stykkisholm	65 5	22 46	11·3	1007·9	1009·3	— 0·2	287·4	292·1	11th	281·7	279·1	5th	284·5	+1·3	*284·0*	30	— 8
233	Vestmanno	63 26	20 15	7·7	1009·4	1010·3	+ 1·1	286·8	291·9	9th	282·0	280·1	17th	284·4	+1·0	*284·7*	104	+ 23
233a	Grimsey	66 33	17 58	22·0	..	..	..	286·5	292·2	15th	279·4	276·4	10th	282·9	+1·7	*281·9*	5	— 24
234	Akureyri	65 40	18 4	6·8	1008·8	1009·6	— 0·3	..	..	..	..	..	..	..	..	..	..	..
	Berufjord	64 40	14 19	18·0	1009·1	1011·3	+ 1·3	287·4	291·8	21st	279·4	275·9	3rd	283·4	+1·2	*283·0*	56	— 7
235																		
236	Thorshavn	62 3	6 45	25·7	1010·4	1013·5	+ 1·9	286·7	289·4	18th	281·2	277·6	4th	283·9	+0·2	*283·7*	40	— 39
	Lerwick	60 9	W 1 8	18·0	1012·6	1014·8	+ 3·6	286·2	291·3	27th	282·1	280·2	3rd, 4th	284·2	−0·2	*283·6*	70	+ 12
237																		
238	Bergen (Met. Obs.)	60 24	E 5 19	44·4	1007·4	1012·7	+ 1·5	..	294·5	27th	284·2	281·7	19th	..	−0·7	*286·6*	104	— 14
239	Christiansund	63 7	7 45	17·8	1009·9	1012·0	+ 0·8	..	292·3	26th	284·7	282·2	31st	..	+0·7	*286·8*	70	— 8
240	Trondhjem	63 26	10 25	39·5	1007·0	1011·7	+ 0·7	..	299·7	8th	285·4	282·2	31st	..	+1·5	*288·5*	84	+ 17
241	Bodö	67 17	14 24	22·4	1009·1	1011·8	+ 1·0	..	299·4	7th	285·6	280·4	26th	..	+3·3	*288·8*	36	— 35
242	Haparanda	65 50	24 9	9·2	1010·3	1011·4	+ 1·1	297·1	305·0	8th	285·7	281·0	31st	291·4	+3·1	*291·1*	18	— 28
242a	Helsingfors	60 10	24 57	12·0	1008·6	1010·0	— 1·0	295·2	301·4	21st	288·6	285·8	31st	291·9	+2·2	292·0	32	— 27
	Kuopio	62 54	27 40	90·3	999·6	1010·2	— 0·9	296·9	302·6	9th	287·1	282·9	31st	292·0	+3·1	*292·4*	62	— 7
243																		
244	Kola	68 53	33 1	6·7	1013·0	1013·8	+ 3·1	292·5	301·8	5th	282·3	275·9	13th	287·4	+2·2	*287·5*	21	— 27
245	Petrozavodsk	61 47	34 23	38·9	1006·4	1011·0	— 0·1	..	300·4	21st	..	..	..	..	+2·8	*292·0*	12	— 63
246	Arkhangelsk	64 35	40 36	5·8	1010·7	1011·4	+ 0·8	294·8	301·7	6th	285·4	277·3	29th	290·1	+1·6	*290·3*	84	+ 24
247	Mezen	65 50	44 16	12·6	1010·4	1011·9	+ 2·0	293·7	301·1	7th	281·7	274·4	23rd	287·7	+2·1	*288·7*	39	— 9
248	Oust-Tsyima	65 25	52 14	? 70	1003·9	1012·3	+ 3·2	293·0	299·9	8th	282·3	274·4	28th	287·6	+0·7	*288·0*	29	..
	Tcherdyn	60 24	56 31	?177	988·6	1009·2	+ 0·1	..	303·5	21st	284·8	276·9	28th	..	+0·5	*290·5*	27	— 35
249																		
250	Berezov	63 56	65 4	39·9	1006·4	1011·2	+ 1·7	291·4	300·4	21st	282·5	274·6	3rd	287·0	−1·5	*287·2*	55	— 2
251	Obdorsk	66 31	66 35	23·7	1008·4	1011·2	+ 1·6	..	294·2	16th	280·2	274·4	2nd	..	−1·4	*285·1*	23	— 24
252	Sourgout	61 15	73 24	? 40	1003·1	1007·9	— 0·1	..	299·0	25th	280·9	275·3	4th	..	−2·2	*287·6*	43	— 19
253																		
254	Doudinka	69 23	86 4	20	1000·6	1003·0	— 4·2	..	295·7	30th	279·4	275·2	25th	..	..	*283·7*	25	..
	Touroukhansk	65 47	87 57	45	1000·2	1005·5	0·0	..	302·0	30th	281·2	273·9	24th	..	−2·2	*286·6*	71	+ 21
261																		
262	Olekminsk	60 22	120 26	155	987·5	1005·6	+ 0·8	..	305·0	22nd	285·1	279·2	29th	..	−0·1	*291·7*	25	— 16
263	Iakoutsk	62 1	129 43	108	992·8	1005·5	— 0·3	..	302·6	23rd	285·0	278·1	6th	..	+1·1	*292·7*	29	— 12
264	Verkoiansk	67 33	133 23	100	990·3	1002·0	— 1·8	..	300·4	17th	281·0	275·8	31st	..	+0·9	*289·2*	8	— 21
	Oust-Maiskoe	60 25	134 29	?100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
271																		
272	Markovo-sur-Anadyr	64 45	170 50	25·0	1004·3	1007·3	— 1·4	291·2	295·7	24th	282·0	278·0	14th, 17th	286·6	0·0	..	52	+ 22
	Novo-Mariinskii Post	64 45 N.	177 33 E.	5·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		° ′	°	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Estimates not based on at least six equally-spaced observations each day are in *italics*.

JULY—ZONE 3.

Table representing the Meteorology of the Globe between Latitude 60° N. and 50° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a	a.	mm.	mm.
303	Dutch Harbor	53 54	166 32	4·0	..	..	..	285·6	293·0	..	278·1	275·2	..	281·9	−1·9	..	27	− 32
304																		
305	Kodiak	57 47	152 22	1·8	1013·3	1013·5	− 2·0	288·7	297·4	..	283·6	280·2	..	286·1	..	..	58	− 27
306																		
309	Sitka	57 4	135 20	27·4	1010·7	1014·0	− 3·2	288·9	294·1	..	281·8	278·6	..	285·3	−0·5	..	119	+ 17
310	Prince Rupert	54 18	130 18	51·8	1007·1	1013·4	− 4·1	289·1	295·2	7th	282·4	280·2	6, 7, 23	285·8	−1·3	..	127	− 15
311	Barkerville	53 2	121 35	1274	870·5	..	..	288·0	296·9	8th	277·4	271·9	14th	282·7	−2·8	*282·7*	201	+121
312	Kamloops	50 42	120 29	385	971·5	1016·2	+ 0·3	298·0	305·2	12th	284·7	279·1	4th	291·3	−2·6	*291·2*	20	− 12
313	Calgary	51 2	114 2	1045	893·3	..	..	297·4	303·6	9th	282·4	276·3	23rd	289·9	+1·0	*290·3*	38	− 28
314	Fort Chipewyan	58 42	111 10	218	983·0	1008·4	..	294·1	303·0	3rd	284·1	276·3	23rd	289·1	−0·3	*289·8*	131	+ 64
315	Prince Albert	53 10	106 0	442	959·2	1009·7	− 0·3	298·0	303·0	16th	286·3	280·8	24th	292·2	+2·5	*292·6*	99	+ 40
316	Qu'Appelle	50 30	103 47	645	936·7	1009·8	− 2·2	298·6	303·6	17th	285·8	279·7	24th	292·2	+1·5	291·7	54	− 15
317	Minnedosa	50 15	99 50	515	952·9	1011·6	− 0·6	299·1	303·0	9, 14, 28	287·4	278·0	24th	293·3	+2·7	*293·0*	116	+ 50
318	Berens River	52 18	97 23	216	..	..	..	301·4	310·8	27th	287·4	280·8	22nd	294·4	+3·1	*294·0*	38	− 28
318*a*	Port Nelson	57 4	92 36	14·9	1006·4	1008·2	..	295·2	305·2	4th, 5th	280·8	274·7	2, 6, 13	288·0	..	..	44	..
319	Fort Hope	51 33	87 49	335	..	..	..	..	..	..	..	..	..	..	..	..	..	..
320	Moose Factory	51 14	80 30	9·1	1009·8	1010·9	− 1·3	299·7	308·0	20th	285·2	275·8	8th	292·4	+2·6	..	..	..
321	Fort George	53 50	79 5	?	..	..	..	293·2	305·2	19th	282·6	275·2	7th	287·9	..	..	35	..
322	Mistassini Post	50 15	73 55	383	..	..	..	299·1	304·1	20th, 21st	282·6	276·9	14th	291·8	..	..	46	..
323	Hebron	58 12	62 21	15·0	1010·7	1012·5	+ 3·5	..	..	..	278·7	275·2	..	..	..	*282·6*	22	..
324	Natashquan	50 8	61 48	?	..	..	..	291·4	296·9	18th	283·4	279·1	14th	287·4	..	..	54	..
325																		
326	Belle Isle	51 23	55 23	133	..	..	..	..	..	..	..	..	..	..	..	..	..	..
334	Cahirciveen (Valencia Obs.)	51 56	10 15	13·7	1017·6	1019·3	+ 3·8	291·2	294·7	23rd	284·9	281·9	18th	288·1	+0·2	287·8	29	− 67
335	Aberdeen	57 10	2 6	26·8	1011·9	1015·1	+ 2·5	289·2	297·4	29th	283·6	280·8	18th	286·4	−0·3	286·2	82	+ 11
336	Greenwich	51 28	W 0 0	48·5	1011·8	1017·7	+ 2·2	294·3	301·9	31st	283·8	280·8	4th	289·1	−1·5	288·4	36	− 21
337	Uccle	50 48	E 4 22	100	1004·7	1016·7	+ 0·8	293·9	300·7	31st	284·1	279·9	19th	289·0	−1·5	288·8	98	+ 20
338	De Bilt	52 6	5 11	3·0	1016·2	1016·6	+ 1·5	292·9	299·8	29th	284·2	279·8	4th	288·5	−1·8	288·3	32	− 34
338*a*	Hamburg	53 33	9 58	40	1009·9	1014·7	+ 0·9	292·9	299·1	28th	286·2	283·6	1st	289·5	−0·8	*289·2*	67	− 10
339	Copenhagen	55 41	12 36	5·0	1012·2	1012·8	− 0·1	292·5	297·6	28th	286·8	283·6	14th	289·7	−0·1	*289·5*	44	− 16
340	Potsdam	52 23	13 4	84·9	1004·3	1014·4	0·0	294·9	301·3	28th	286·0	284·0	15th	290·5	−0·7	289·8	66	+ 15
340*a*	Upsala	59 51	17 38	24·0	1007·6	1010·4	− 0·3	295·3	303·1	27th	284·4	280·7	19th	289·8	+0·7	289·9	84	+ 16
341	Warsaw	52 13	21 1	133	997·0	1012·6	− 1·0	296·1	303·5	5th	286·8	283·2	1st	291·5	−0·4	291·5	87	− 22
342	Jurjev	58 23	26 43	74·5	1000·8	1009·6	− 1·4	296·1	302·2	19th	287·0	284·1	13th	291·6	+1·0	291·0	59	..
343	Petrograd	59 56	30 16	4·8	1009·4	1010·0	− 1·0	296·1	302·0	19th	288·5	283·9	13th	292·3	+1·9	*292·5*	45	− 19
344	Kiev	50 27	30 30	183	988·6	1010·0	− 1·7	297·2	304·9	5th	287·7	283·9	3rd	292·4	−1·2	*291·6*	63	+ 31
344*a*	Moscow	55 50	37 33	167	989·1	1008·7	− 1·9	295·2	300·3	11th	285·4	278·6	29th	290·3	−1·8	*290·1*	108	+ 57
345	Saratov	51 32	46 3	59·9	1000·2	1007·3	− 2·3	..	303·1	25th	289·4	283·8	31st	..	−1·6	*293·7*	95	− 12
346	Kazan	55 47	49 8	79·9	999·0	1008·4	− 0·8	297·9	303·0	24th	287·0	283·0	29th	292·4	−1·1	*292·1*	50	+ 37
347	Orenburg	51 45	55 6	109	994·7	1007·5	− 0·6	298·5	306·2	23rd	287·8	280·1	31st	293·2	−1·8	*292·7*	76	+ 60
348	Perm	58 1	56 16	163	989·4	1008·6	+ 0·1	295·2	301·3	21st	285·0	278·3	29th	290·1	−1·1	*289·9*	139	..
349	Ekaterinburg	56 49	60 38	281	975·4	1008·2	− 1·1	294·0	300·9	21st	284·3	278·6	31st	289·2	−1·2	*289·1*	174	+101
350	Tobolsk	58 12	68 14	108	996·3	1009·1	− 0·6	295·3	303·0	22nd	284·7	278·4	3rd	290·0	−1·8	*289·5*	148	+ 73
351	Akmolinsk	51 12	71 23	?347	967·1	1006·8	− 1·2	299·4	306·5	26th	286·7	281·6	?	293·0	−0·2	*293·0*	51	+ 10
352	Omsk	54 58	73 23	87·9	996·7	1007·0	− 0·9	297·4	305·5	27th	286·6	281·0	7th	292·0	−0·4	*291·8*	69	+ 45
353	Barnaoul	53 20	83 48	162	987·9	1006·7	− 0·3	298·3	304·7	13th	287·2	280·7	4th	292·8	+0·1	*292·7*	102	+ 36
354	Tomsk	56 30	84 58	122	991·6	1006·0	− 1·1	..	301·4	30th	285·0	275·5	4th	..	−1·2	*289·8*	100	..
355	Minousinsk	53 43	91 41	249	977·0	1005·5	− 1·2	..	305·4	28th	287·5	282·6	11th	..	..	*293·7*	51	+ 2
356	Eniseisk	58 27	92 10	77·6	996·2	1005·4	− 1·7	..	301·8	25th	284·0	277·6	17th	..	−1·6	*290·2*	64	− 47
357	Irkutsk	52 16	104 19	467	952·8	1006·0	− 0·6	..	303·9	21st	283·4	277·6	18th	..	+0·4	*291·1*	33	− 9
358	Kirensk	57 47	108 7	263	975·8	1006·2	− 0·4	..	303·7	21st	284·0	278·3	12th	..	+0·2	*291·6*	44	+ 47
359	Tchita	52 2	113 30	687	926·7	1004·2	− 0·1	..	303·6	22nd	284·7	280·0	15th, 16th	..	−1·0	*290·6*	133	− 57
360	Blagoveshchensk Priisk	58 10	114 19	490	949·4	1005·6	+ 0·4	..	305·7	22nd	282·4	277·3	6th, 19th	..	..	*289·3*	87	..
360*a*	Nertchinskii Zavod	51 19	119 37	626	934·4	1005·0	+ 0·1	..	302·4	22nd	285·4	280·5	17th	..	+0·6	*291·9*	24	..
361	Tygan Ourkan	54 5	124 46	379	961·4	1004·9	..	299·5	304·3	4th	283·5	278·1	21st	291·5	..	*292·2*	143	..
362	Blagoveshchensk (Bureau Météor.)	50 16	127 30	142	988·6	1005·0	+ 0·4	300·5	304·4	12th	289·9	285·7	17th	295·2	+1·1	*295·2*	105	− 38
363	Paikanskii Sklad	50 11	130 7	145	987·8	1004·7	..	299·9	303·4	29th	286·5	281·1	9th	293·2	..	*293·0*	93	..
364																		
365	Nikolaevsk-sur-Amour	53 8	140 45	21·2	1004·3	1006·8	0·0	..	304·0	13th	287·1	279·6	10th	..	+1·6	*291·0*	32	− 28
366	Okhotsk	59 21	143 12	6·0	1006·8	1007·5	− 2·0	287·2	294·5	3rd	282·8	278·9	3rd	285·0	−0·5	*284·7*	32	− 20
367																		
368	Petropavlovsk (Radio)	53 0	158 39	13·5	1008·3	1009·9	− 0·4	291·6	298·8	16th	282·9	278·0	5th	287·3	..	*286·4*	30	..
369		N.	E.															
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Estimates not based on at least six equally-spaced observations each day are in *italics*.

Table representing the Meteorology of the Globe between Latitude 50° N. and 40° N.

JULY—ZONE 4.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a	a.	mm.	mm.
411	Victoria, B.C.	48 24	123 19	70·1	1008·4	1016·9	+ 0·2	290·8	299·7	30th	283·6	280·2	26th	287·2	−1·2	286·6	31	+ 22
412	Portland, Oregon	45 32	122 41	86·6	1012·3	1017·6	+ 0·6	295·6	303·0	11th	286·1	283·0	6th	290·9	−1·6	*290·5*	65	+ 50
413	Macleod	49 44	113 24	954	..	..	..	298·6	306·3	13th, 17th	283·4	277·4	29th	291·0	−0·2	..	118	+ 67
414	Helena	46 34	112 4	1253	873·7	1012·5	− 0·9	300·3	306·9	12th	284·8	279·7	4th	292·6	−0·2	*292·2*	43	+ 14
414*a*	Salt Lake City	40 46	111 54	1329	866·7	1011·2	− 0·8	304·6	310·2	20th	291·3	283·0	3rd	297·9	+0·1	*297·7*	16	+ 3
415	Cheyenne	41 8	104 48	1856	816·1	1012·8	+ 0·1	300·9	304·1	2nd	286·3	283·0	20th	293·6	+1·2	*293·9*	46	− 4
416	North Platte	41 8	100 45	859	917·2	1013·5	+ 0·1	307·2	310·8	15th	292·2	288·6	20th	299·7	+2·7	*299·0*	15	− 56
416*a*	Bismarck	46 47	100 38	511	954·7	1013·5	− 0·3	303·4	308·6	28th	290·3	283·0	24th	296·9	+2·7	*296·9*	102	+ 45
417	Winnipeg	49 53	97 7	232	985·1	1011·8	− 0·9	301·3	308·0	28th	289·1	281·9	24th, 25th	295·2	+3·2	295·6	72	− 8
418	Duluth	46 47	92 6	345	975·5	1015·9	+ 1·9	298·8	308·6	29th	287·3	280·8	9th	293·0	+2·5	*293·3*	30	− 73
419	Port Arthur	48 27	89 12	196	992·2	1015·1	+ 1·4	299·1	310·2	29th	287·4	279·1	9th	293·3	+3·5	*293·2*	61	− 35
420	Chicago	41 53	87 37	251	986·8	1015·9	+ 0·7	302·3	311·9	30th	295·3	288·6	3rd	298·8	+3·2	*298·5*	56	− 32
421	Toronto	43 40	79 24	116	1002·0	1015·5	+ 1·3	303·0	310·8	30th	291·9	285·2	1st, 5th	297·4	+4·3	297·3	9	− 68
422	New York (Central Park)	40 46	73 58	30·2	1012·4	1015·9	+ 0·3	301·2	307·4	31st	293·0	288·6	5th	297·1	−0·3	296·7	116	+ 6
423	St. John, N.B.	45 17	66 4	36·2	..	1015·2	+ 1·8	291·9	298·0	22nd	284·1	281·9	8th	288·0	−0·8	287·3	140	+ 48
424	S.W. Point, Anticosti	49 24	63 33	9·1	1010·8	1011·9	+ 1·5	291·3	299·1	14th	284·1	279·1	1st, 2nd	287·7	+1·0	..	68	− 15
424*a*	Sable Island (Main Station)	43 57	60 6	7·6	1017·0	1017·9	+ 1·8	290·2	294·7	25th	285·2	282·4	1, 10, 16	287·7	−0·5	..	59	− 37
425	Port aux Basques	47 35	59 10	9·1	1013·2	1014·3	+ 0·7	289·7	297·4	21st	283·0	277·4	15th	286·3	+0·2	..	97	− 20
426	St. John's, Newfoundland	47 34	52 42	38·1	1009·1	1013·6	+ 0·5	293·6	301·9	21st	284·7	279·7	15th, 29th	289·1	+1·2	..	55	− 35
435	Madrid	40 24	3 41	655	940·8	1014·1	− 0·7	306·4	312·4	26th	287·2	281·1	5th	296·8	−0·6	296·9	6	− 4
436	Nantes	47 15	W 1 34	36·5	1013·6	1017·9	+ 0·3	295·9	302·2	31st	285·0	281·0	1st	290·5	−1·4	290·3	32	− 25
437	Paris (Parc St. Maur)	48 49	E 2 29	50·3	1011·5	1017·5	+ 0·5	295·6	301·3	31st	284·8	281·2	16th	290·2	−1·4	289·9	63	+ 11
438	Marseilles	43 18	5 23	74·8	1005·0	1013·8	− 1·3	301·3	304·9	20th	288·6	285·6	1st	294·9	−1·0	294·3	2	− 26
438*a*	Zürich	47 23	8 33	493	959·7	1017·0	− 0·4	296·4	301·2	23rd	285·1	281·6	16th	290·8	−1·7	289·8	137	+ 8
439	Rome	41 54	12 28	50·6	1008·4	1014·0	− 1·0	302·9	308·3	10th	291·4	288·0	2nd	297·2	−0·2	*297·2*	6	− 13
440	Vienna	48 15	16 22	203	990·2	1014·2	− 0·6	296·0	303·7	5th	287·6	285·0	21st	291·8	−0·9	291·6	105	+ 95
440*a*	Buda-Pesth	47 31	19 1	130	998·1	1013·3	− 0·9	300·0	307·2	4th	288·1	284·6	24th	294·0	0·0	*293·8*	12	− 43
441	Monastir	41 1	21 23	617	..	..	..	..	..	..	..	..	..	..	..	..	..	..
442	Bucharest	44 25	26 6	82	1001·7	1011·3	− 1·5	303·4	313·6	11th	289·1	285·2	17th, 18th	296·3	+0·1	295·9	108	+ 41
443	Odessa (University)	46 29	30 44	65·3	1003·5	1011·2	− 1·1	299·4	303·1	9th	290·9	286·9	1st	295·2	−0·6	*294·8*	35	− 14
444	Kharkov (University)	50 0	36 14	140	993·0	1009·4	− 2·6	298·4	301·0	11th	286·2	282·6	15th	292·3	−0·9	*292·1*	107	+ 41
444*a*	Novorossiisk	44 44	37 49	37·1	1006·7	1011·0	0·0	301·1	305·2	7th	291·5	288·6	2nd	296·3	0·0	*296·0*	37	− 19
445	Tiflis	41 43	44 48	404	964·0	1009·5	− 0·9	303·8	309·8	27th	292·4	287·5	6th	298·1	+0·5	*297·9*	58	+ 8
446	Astrakhan	46 21	48 2	−13·8	1011·1	1009·5	− 0·4	302·2	307·0	23rd, 24th	293·2	287·7	31st	297·7	−1·2	*297·1*	12	− 1
447	Fort Alexandrovsk	44 30	50 16	24	1005·9	1008·7	− 1·4	301·2	310·4	19th	293·7	289·5	4th	297·4	−0·9	*297·6*	46	+ 34
448	Krasnovodsk	40 0	52 59	−14·6	1009·9	1008·3	− 0·3	307·0	316·1	20th	295·9	291·9	7th	301·4	−0·5	*301·0*	5	+ 1
449	Aralskoe More	46 47	61 42	57·0	1002·0	1008·6	+ 0·4	304·5	310·7	25th	292·5	287·5	7th	298·5	−1·3	*298·7*	0	..
450	Tachkent	41 20	69 18	479	951·8	1004·8	+ 0·5	308·8	314·3	31st	291·6	286·0	21st	300·2	−0·3	*299·4*	1	− 3
451	Narynskoe	41 26	76 0	?2015	793·4	..	..	..	..	..	283·1	277·6	10th, 11th	..	+1·3	*291·6*	6	..
452	Verniyi	43 16	76 53	? 825	915·1	1005·8	+ 1·8	303·8	313·3	31st	290·7	283·6	10th	297·2	..	*296·3*	40	..
461	Mukden	41 48	123 23	43·8	999·9	1004·9	+ 0·8	304·1	308·6	26th	292·6	289·3	3rd	298·3	+0·3	297·9	55	−102
462	Joshin	40 40	129 11	4·0	1007·1	1007·6	+ 0·6	296·3	301·9	22nd	290·6	287·2	3rd	293·5	+0·4	293·2	89	− 34
463	Yuki	42 20	130 24	65·6	1000·2	1008·0	..	294·7	301·7	22nd	289·0	284·7	13th	291·9	..	291·7	60	..
464	Vladivostok	43 7	131 55	28·8	1005·1	1008·4	+ 0·2	295·6	301·5	26th	289·4	286·3	13th	292·5	+0·3	291·9	85	+ 8
465	Ochiai	47 20	142 44	6·6	1008·4	1009·2	− 1·0	297·7	304·0	29th	286·2	276·8	12th	291·9	+4·8	292·0	47	− 59
466	Nemuro	43 20	145 35	26·7	1009·0	1012·2	+ 1·9	292·7	299·8	31st	287·0	281·3	3rd, 4th	289·9	+2·5	289·8	49	− 36
466*a*	Syana	45 14	147 53	39·3	1007·5	1012·1	+ 1·4	294·0	300·1	22nd	285·2	276·7	9th, 14th	289·6	+3·2	289·6	22	− 58
		N.	E.															

Between Latitude 40° N. and 30° N.

JULY—ZONE 5 (Western Half).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		N. ° ′	W. ° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a	a.	mm.	mm.
511	San Francisco	37 48	122 26	47·2	1007·7	1013·5	− 0·8	292·7	301·9	18th	284·4	282·4	28th	288·6	+0·8	*287·9*	1	0
512	San Luis Obispo	35 18	120 39	61·3	1006·8	1014·2	− 0·2	296·4	300·2	22nd	283·1	279·1	27th	289·8	−1·0	*288·9*	0	0
513	San Diego	32 43	117 10	26·5	1009·1	1012·2	− 0·7	293·6	296·3	31st	286·0	287·4	3rd	291·3	−1·7	*290·7*	1	0
514	Modena	37 48	113 54	1670	834·3	1011·2	− 0·3	302·6	306·3	6th	284·8	278·6	3rd	293·7	−0·6	*293·3*	120	+ 83
515	Santa Fé	35 41	105 57	2138	791·3	1011·8	+ 0·2	299·2	305·2	4th	287·7	284·1	11th	293·4	−0·8	*292·6*	70	+ 4
516	Denver	39 45	105 0	1613	839·7	1013·2	+ 0·5	303·4	308·6	2nd	289·4	286·9	13th	296·4	+0·7	*295·8*	37	− 6
517	Abilene	32 23	99 40	530	953·0	1012·5	− 0·7	307·9	312·4	19th	294·7	289·7	7th	301·3	+0·2	*301·1*	17	− 37
518	Saint Louis	38 38	90 12	173	994·4	1014·5	− 0·7	307·1	310·2	31st	296·9	291·9	10th	302·0	+2·7	*301·9*	30	− 60
519	Mobile	30 41	88 2	17·4	1011·0	1013·2	− 3·1	303·2	307·4	31st	296·1	293·6	11th	299·7	−1·0	*298·9*	521	+340
520	Nashville	36 10	86 47	166	995·6	1014·9	− 1·2	303·5	306·3	3rd	294·5	291·9	5th	299·0	−0·5	*298·8*	106	+ 1
521	Charleston	32 47	79 56	14·6	1014·3	1015·9	− 0·9	302·1	306·9	20th	296·3	293·0	13th	299·2	−0·6	*299·8*	295	+121
522	Washington	38 54	77 3	34·1	1012·0	1015·9	+ 0·5	303·2	308·0	12th	293·7	288·6	6th	298·4	+0·1	*298·0*	126	+ 10
524	Bermuda	32 18	64 46	46·0	1015·4	1020·8	+ 0·4	301·0	302·6	30th	295·0	292·3	8th	298·0	−1·1	*298·1*	140	+ 24
530	Santa Cruz (Flores)	39 27	31 9	28	1023·7	1026·7	+ 0·8	297·4	298·8	20th	290·5	289·4	3rd	293·9	−0·6	*293·8*	39	− 22
531	Horta	38 32	28 38	63	1018·4	1025·6	+ 0·9	297·4	301·3	29th	291·3	289·3	9th	294·3	−0·5	294·0	19	− 45
532	Ponta Delgada	37 44	25 40	22	1022·4	1024·3	0·0	296·6	298·0	11th	291·5	289·0	3rd	294·1	−0·1	294·0	..	..
532*a*	Faja da Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	..	..
533	Madeira (Funchal)	32 37	16 54	25	1017·6	1020·5	+ 0·3	295·0	296·8	29th	291·3	290·0	5th	293·2	−1·3	*293·3*	54	+ 13
534	Lisbon	38 43	9 9	95	1005·6	1016·8	− 0·6	298·1	307·0	31st	289·9	287·1	5th	294·0	−0·6	*293·6*	1	− 2
535	Gibraltar	36 6	5 21	16·2	1014·4	1016·2	+ 0·7	299·4	302·9	9th	291·3	288·6	7th, 8th	295·4	−1·3	*294·7*	31	+ 27
536	Melilla	35 18	2 59	8	1019·4	1020·3	+ 1·5	303·0	305·0	28th	293·0	290·0	2nd	298·0	−1·3	*298·1*	0	− 1
536*a*		N. ° ′	W. ° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Estimates not based on at least six equally-spaced observations each day are in *italics*.

JULY—ZONE 5 (Eastern Half).

Table representing the Meteorology of the Globe between Latitude 40° N. and 30° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ E.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
537	Palma	39 34	2 38	23	1012·9	1015·6	− 1·8	302·1	306·4	27th	293·3	290·8	14th	297·7	−0·3	..	0	− 11
538	Algiers (Bouzaréah)	36 48	3 2	344	975·5	1014·9	− 0·9	300·7	315·9	9th	292·4	290·0	17th	296·5	−0·1	295·8	1	− 3
539	Tunis	36 48	10 10	33	..	..	..	307·0	321·0	4th	293·8	290·0	7th, 17th	300·4	+1·1	*300·3*	1	− 3
539*a*	Malta	35 53	14 30	58·8	..	1014·9	− 0·9	303·1	308·8	12th	297·7	294·2	19th	300·4	+2·1	*299·6*	0	− 5
540	Riposto	37 41	15 14	14·2	..	1015·2	0·0	302·6	307·4	11th	295·5	293·5	7th	299·1	−0·4	*297·5*	0	− 5
541	Athens	37 58	23 43	107	998·5	1010·8	− 0·6	306·6	312·6	12th, 14th	296·7	290·5	19th	301·7	+1·7	301·5	0	0
542	Alexandria	31 12	29 53	32·0	1005·1	1008·7	− 1·2	304·0	306·9	13th	297·5	296·0	19th	300·8	+1·5	*299·5*	0	0
543	Cairo (Helwan)	29 52	31 20	116	993·9	1006·7	− 1·5	309·9	313·1	13th	295·0	293·6	23rd	302·4	+1·5	302·3	0	0
544	Nicosia (P.W.D.)	35 9	33 22	159	987·0	1004·6	− 1·4	311·0	315·2	14th, 15th	294·3	291·3	19th, 27th	302·7	+1·5	..	0	− 2
544*a*	Beirut	33 54	35 28	33·7	..	1005·5	− 0·5	305·3	306·5	7th	297·4	295·7	2nd	301·3	+1·5	..	0	− 1
545	Baghdad	33 21	44 28	38·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
546	Busrah	30 31	47 53	7·6	998·1	999·2	− 0·4	314·3	317·9	16th	300·1	297·9	8th, 30th	307·2	+0·6	..	0	+ 14
546*a*	Lenkoran	38 46	48 51	−19·3	1012·2	1010·0	+ 0·7	..	305·2	25th	293·6	289·9	7th	..	+0·3	*298·4*	35	..
547	Teheran	35 41	51 25	1220	..	..	..	..	..	..	..	..	..	..	..	..	..	+ 1
548	Meshed	36 16	59 35	946	..	..	..	307·4	311·3	25th	288·6	283·3	10th	298·0	−0·2	..	3	..
549	Seistan	31 0	61 30	?	..	..	..	311·8	316·0	28th	298·5	293·0	10th	305·2	..	..	0	..
550	Quetta	30 11	67 3	1677	827·6	..	+ 1·7	308·1	310·1	29th, 30th	291·8	287·3	1st	299·9	+0·9	*299·7*	0	− 19
551	Peshawar	34 2	71 37	339	962·6	999·5	+ 1·6	313·2	318·3	1st	299·9	295·7	20th	306·6	+0·8	*306·1*	15	− 21
551*a*	Lahore	31 34	74 20	214	976·4	1000·1	+ 2·3	308·1	316·9	9th	299·4	294·9	14th	303·8	−1·6	*303·2*	15	+270
552	Simla	31 7	77 8	2205	778·5	..	+ 2·0	292·7	296·7	1st	288·0	285·9	2nd	290·3	−0·8	*290·1*	418	−126
552*a*	Leh	34 10	77 42	3593	665·4	..	+ 1·1	296·4	302·1	8th	283·2	279·7	24th	289·8	−0·8	*288·8*	304	+ 13
559	Hang Kow	30 35	114 17	37·0	1001·9	1006·1	+ 2·0	304·5	308·9	21st	297·5	291·8	16th	301·0	−0·7	*300·7*	25	..
560	Tientsin	39 10	117 10	5·0	1004·1	1004·7	+ 0·7	306·8	310·9	24th	295·7	292·8	15th	301·3	+1·0	*300·6*	170	− 14
561	Shanghai (Zi-Ka-Wei)	31 12	121 26	7	..	1006·0	+ 1·2	305·1	309·4	21st	295·8	291·7	24th	300·5	−0·6	299·3	46	− 128
562	Jinsen (Chemulpo)	37 29	126 37	67·6	999·2	1007·1	+ 0·7	299·5	303·3	26th	292·9	289·5	2nd	296·2	−1·1	295·4	243	+ 93
562*a*	Nagasaki	32 44	129 52	133	993·5	1008·8	+ 1·0	301·5	305·1	26th	295·9	293·7	3rd	298·7	−0·3	298·3	185	+ 30
563	Kioto	35 1	135 44	42·9	1003·8	1008·7	+ 0·4	303·6	307·2	19th	294·1	290·6	15th	298·9	+0·4	298·3	311	+ 68
564	Tokio	35 41	139 45	21·3	1006·4	1008·9	0·0	301·1	305·9	8th	293·9	290·4	13th	297·5	−0·1	296·9	100	+ 108
565	Kanayama	37 53	140 46	24·6	1007·3	1010·2	+ 0·9	297·8	302·3	23rd	291·8	287·3	4th	294·8	−0·1	294·6	319	+180
566	Miyako	39 38	141 59	30·4	1006·7	1010·2	+ 0·8	298·5	304·0	21st	290·5	284·8	13th	294·5	+1·1	293·8	283	+122

JULY—ZONE 6.

Between Latitude 30° N. and 20° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		N.	W.															
605	Honolulu	21 19	157 52	11·6	1016·4	1017·7	+ 1·2	300·7	301·3	..	295·2	292·4	..	297·9	−0·4	*298·2*	44	+ 14
606																		
615	Zacatecas	22 47	102 35	2610	..	..	..	..	..	..	..	..	..	..	..	..	..	..
616	Leon	21 7	101 41	1800	..	..	..	..	..	..	..	..	..	..	..	..	..	..
617	Tulancingo	20 5	98 22	2180	..	..	..	..	298·0	..	..	287·0	..	..	+2·6	292·5	165	+ 22
618	Galveston	29 18	94 50	16·5	1011·7	1013·9	− 1·8	303·9	308·6	9th	298·6	293·6	8th	301·2	−0·2	*301·1*	118	+ 6
618*a*	New Orleans	29 58	90 4	16·2	..	1012·8	− 3·2	304·7	308·0	14th	297·2	294·1	15th	300·9	−0·3	*300·1*	172	+ 49
619	Havana	23 8	82 21	24·3	..	1014·8	− 1·6	303·2	305·9	6th	297·3	296·0	10, 11, 25	300·3	0·0	*299·9*	173	+191
620	Key West	24 33	81 48	6·7	1014·0	1014·5	− 2·3	303·7	305·2	21st	298·2	294·1	28th	300·9	−0·8	*300·9*	277	− 20
621	Nassau, Bahamas	25 5	77 21	3·7	..	..	..	..	..	..	297·5	295·2	10th, 28th	..	−0·8	*299·9*	121	..
622	Watling Island	24 6	74 26	33·5	1011·7	1015·5	− 1·6	..	303·6	19th	..	297·5	24th	..	..	*300·5*	..	..
633	Izaña	28 19	16 30	2367	772·5	..	..	294·6	298·9	15th	285·6	281·1	3rd	290·1	..	289·6	0	− 4
634	La Laguna	28 28	16 20	547	954·6	1017·2	− 1·4	296·8	302·0	28th	287·6	285·9	10th	292·2	−1·2	*291·6*	0	..
636	Colomb-Béchar	31 38	W 2 13	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
637	Timimoun	29 9	E 0 10	?	..	..	..	320·8	324·0	27th	302·3	297·9	13th	311·5	..	*312·2*	0	..
641	Siwa	29 12	25 29	−23	..	..	..	..	..	..	..	..	..	..	..	..	..	..
642																		
643	Aswan	24 2	32 53	99·6	992·5	1003·4	− 2·8	315·9	318·6	27th	300·4	298·3	12th, 21st	308·2	+2·0	*307·5*	..	..
644	Tor	28 13	33 37	1·9	1003·4	1003·5	− 1·4	307·9	312·6	16th	298·5	293·9	3rd	303·2	+1·3	*302·5*	..	..
647	Bushire	28 59	50 53	4·3	997·4	998·0	+ 0·7	309·2	312·5	15th	302·6	298·6	8th	305·9	+0·8	*305·4*	0	0
648	Jask	25 44	57 47	4·0	999·4	999·8	+ 1·5	307·1	311·0	19th	301·4	299·9	9th	304·2	−1·4	*303·8*	0	..
649	Robat	29 45	60 55	?	901·2	..	..	314·9	317·0	31st	297·9	295·8	21st, 22nd	306·4	..	..	0	..
649*a*	Karachi	24 53	66 57	4·0	1000·5	1001·0	+ 1·9	304·7	308·3	15th	300·4	297·8	15th	302·6	+0·5	*301·9*	153	+ 23
650	Hyderabad, Sind	25 24	68 18	29·3	996·1	999·3	+ 1·8	310·6	313·7	31st	300·4	298·6	31st	305·5	+0·3	*304·8*	40	+ 25
650*a*	Jacobabad	28 17	68 29	56·7	992·1	998·3	+ 2·1	316·1	319·4	1st	302·8	301·8	1, 10, 28	309·4	+0·6	*308·8*	1	− 102
651	Jaipur	26 56	75 52	436	954·1	1001·4	+ 2·2	308·4	315·2	8th	299·1	296·3	9th, 23rd	303·7	+0·4	*302·9*	98	− 46
652	Nagpur	21 8	79 5	310	969·1	1003·5	+ 1·9	304·9	308·7	3rd	297·0	295·2	4th	301·0	+0·4	*300·4*	325	+ 37
653	Allahabad	25 25	81 51	94·1	990·9	1001·4	+ 2·5	306·3	310·8	8th	299·0	297·1	28th	302·6	−0·4	*302·0*	309	+ 67
653*a*	Darjiling	27 3	88 18	2266	774·3	..	+ 1·7	292·5	295·1	13th	287·3	286·1	14th, 20th	289·9	+0·2	*289·7*	755	−134
654	Calcutta	22 36	88 23	6·4	1003·4	1004·0	+ 3·9	305·0	306·9	24th	299·1	296·9	13th	302·1	+0·4	*301·9*	193	− 23
655	Gauhati	26 8	91 41	59·7	998·8	1005·5	+ 3·5	304·6	306·3	31st	298·1	296·5	8th	301·3	−0·7	*300·7*	183	− 25
655*m*	Cherrapunji	25 15	91 42	1314	865·4	..	+ 2·9	294·7	296·7	9th	290·8	289·7	4th	292·7	−0·7	*292·2*	2011	+ 68
655*a*	Akyab	20 11	92 56	6·1	1005·9	1006·5	+ 2·7	302·6	305·1	22nd	297·2	296·0	12th	299·9	−0·3	*300·0*	954	+ 108
656	Mandalay	21 59	96 0	76·2	998·4	1006·9	+ 2·6	308·3	311·8	6th, 9th	298·9	297·6	13th, 15th	303·6	+0·3	*303·0*	60	+180
656*a*	Tengyueh	24 59	98 35	1633	831·2	..	..	296·6	299·1	7, 9, 10	289·6	286·9	9th, 12th	293·1	..	*292·5*	292	− 31
657	Phu Lien	20 48	106 37	116	993·1	1006·3	+ 3·6	303·8	307·5	19th	297·5	294·9	2nd	300·7	−1·0	300·3	233	+200
658	Moncay	21 31	107 51	9	1005·7	1006·7	+ 4·3	303·8	306·8	19th	297·2	294·2	12th	300·5	−1·0	*300·3*	771	..
659	Hong Kong	22 18	114 10	33·2	..	1007·8	+ 2·9	304·1	306·4	24th	298·7	296·1	9th	301·4	+0·4	301·2	211	−139
660	Amoy	24 27	118 4	ca.3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
661	Taihoku, Formosa	25 2	121 31	9·3	1007·5	1008·5	+ 2·9	306·9	308·5	14th	297·0	295·4	9th	302·0	+0·3	301·3	327	+102
661*a*	Santo Domingo	20 28	121 59	18·7	..	1007·4	+ 2·2	305·5	306·7	15th	298·6	297·1	19th	302·1	+0·7	*301·9*	88	−124
662	Naha	26 13	127 41	10·5	1008·7	1009·9	+ 2·5	306·9	308·5	21st	298·3	296·9	30th	302·6	+1·2	302·1	62	+ 75
665	Titizima (Bonin Islands)	27 5	142 11	4·0	1011·2	1011·6	+ 0·4	305·2	307·9	16th	297·1	294·9	23rd	301·1	+0·6	300·7	189	..
		N. ° ′	E. ° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Estimates not based on at least six equally-spaced observations each day are in *italics*.

JULY—ZONE 7.

Table representing the Meteorology of the Globe between Latitude 20° N. and 10° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
715	Zapotlanejo	19 38	103 37	1529	..	..	..	..	..	..	..	..	..	..	..	..	..	..
716	Morelia	19 42	101 0	1933	..	..	..	..	..	..	..	..	..	..	..	..	..	..
717	Mexico	19 26	99 8	2259	779·4	..	− 1·3	294·9	296·8	19th	285·6	284·1	29th	290·3	−0·4	289·4	169	+ 54
718	Oaxaca	17 4	96 44	1563	..	..	..	..	..	..	..	..	..	..	..	..	..	..
718*a*	Salina Cruz	16 12	95 16	56·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
719	San Salvador	13 42	89 12	684	936·3	1013·0	+ 0·2	297·4	309·6	17th	294·1	289·5	8th	295·7	−0·9	*295·7*	194	−108
720	Belize	17 29	88 12	5·2	..	..	..	..	304·1	..	..	298·6	..	..	..	..	58	−195
721	Jamaica (Negril Point)	18 15	78 23	10·1	..	1013·1	− 1·3	303·8	305·8	19th	296·0	294·7	30th	299·9	+0·1	*300·0*	151	+ 1
722	Port au Prince	18 34	72 22	37·4	1009·6	1013·9	− 1·1	305·5	307·7	19th	295·9	294·2	1st	300·7	−1·1	299·8	91	+ 29
723	Caracas	19 31	66 56	1010	900·9	..	− 0·7	298·0	300·1	16th, 28th	288·9	286·3	13th, 20th	293·5	−0·3	*292·9*	127	+ 14
723*a*	St. Croix (Christiansted)	17 45	64 42	6·6	..	..	..	302·3	303·3	28th	298·6	296·6	26th	300·5	−0·4	*300·5*	79	− 9
724	Montserrat	16 41	62 9	39·6	1010·2	1014·7	− 1·6	304·4	306·3	1st, 7th	296·8	294·7	13th, 14th	300·6	..	*300·1*	152	..
725	Grenada (Richmond Hill)	12 3	61 45	155	994·7	1012·5	− 0·6	302·7	304·7	7th	296·8	294·7	11th	299·7	+0·6	*299·0*	285	+ 36
	Barbados	13 8	59 36	55·2	..	1014·1	− 0·5	303·5	304·5	7th	295·9	294·1	3rd	299·7	+0·3	*299·7*	130	− 12
731	St. Vincent, C. Verde Is.	16 54	25 4	11	1012·0	1013·3	− 0·8	299·2	302·0	29th	295·5	293·5	9th	297·4	−0·1	*297·6*	26	+ 20
732	San Tiago, C. Verde Is.	14 54	23 31	?40	1009·0	1013·6	− 0·8	300·9	303·7	1st	296·4	295·0	5th	298·7	0·0	*298·6*	44	+ 34
733	Bathurst	13 24	16 36	1·5	..	1013·0	+ 0·2	301·7	304·1	21st	296·2	294·1	9th, 12th	298·9	−0·6	*298·9*	305	+ 21
734	M'Carthy Island	13 42	14 46	1·1	..	..	..	307·6	309·7	5, 9, 13	293·8	291·9	3rd, 4th	300·7	+0·6	..	247	+ 51
735	Ségou	13 34	6 17	300	..	..	..	..	..	..	..	..	..	..	..	..	..	..
736	Timbuctoo	16 43	W 3 1	270	..	..	..	311·4	315·7	22nd, 23rd	299·2	295·4	8th	305·3	−0·4	*304·4*	16	..
737	Sokoto	13 2	E 5 14	353	..	..	..	305·7	308·6	6th	294·1	292·4	7, 12, 28	299·9	−0·5	..	99	− 64
738	Kaduna Junction	10 50	7 25	640	..	..	..	300·3	303·0	5, 9, 21	292·3	290·2	2nd	296·3	−0·7	..	222	− 10
739	Katagum	12 17	10 22	30·7	..	..	..	..	..	..	..	..	..	..	..	..	139	+ 8
740	Maiduguri	11 47	13 11	361	..	..	..	306·1	309·7	9th, 20th	295·2	291·3	26th	300·6	−1·0	..	231	+ 68
743	El Obeid	13 11	30 14	569	945·5	1008·7	− 0·5	307·3	310·9	3rd	293·3	290·4	2nd	300·3	−0·1	*300·0*	62	− 30
743*a*	Khartoum	15 37	32 33	390	963·8	1006·7	− 0·6	310·8	315·0	5th	298·3	294·6	31st	304·6	−1·3	*303·1*	33	− 7
744	Port Sudan	19 37	37 13	5·9	1001·5	1002·2	− 2·2	315·9	319·8	9th	304·3	301·3	5th, 6th	310·1	+2·3	*308·7*	2	− 8
745	Berbera, Somaliland	10 22	45 2	10·1	..	1004·7	0·0	313·8	316·3	2, 3, 7	303·6	297·4	28th	308·7	−0·8	*308·6*	15	+ 13
746	Aden	12 45	45 3	28·7	999·9	1003·1	− 0·9	306·0	308·9	5th	300·7	295·4	8th	303·3	−0·7	*303·2*	6	+ 6
751	Bombay	18 54	72 49	11·3	1003·6	1004·8	+ 0·1	302·6	304·5	3rd	299·0	297·1	14th	300·8	+0·5	*299·9*	579	− 40
751*a*	Cochin	10 58	76 21	2·7	1008·0	1008·3	− 1·9	302·4	303·8	2nd	296·7	294·3	19th	299·6	+0·5	*298·8*	556	− 61
752	Kodaikanal	10 14	77 28	2343	768·3	..	− 0·5	291·5	293·0	6th	284·7	283·0	1st, 2nd	288·1	+0·8	*287·4*	293	− 25
752*a*	Bangalore	12 59	77 38	920	906·5	1006·5	− 0·7	301·2	303·3	2nd	292·4	291·2	17th	296·8	+0·5	*295·7*	287	+165
753	Madras	13 4	80 14	6·7	1004·8	1005·4	− 0·6	306·9	310·4	2nd	298·3	295·8	5th	302·6	−1·1	*301·7*	90	+181
754	Waltair	17 45	83 16	68·9	997·0	1004·7	+ 2·6	303·2	305·2	26th	297·8	295·2	3rd	300·5	−1·2	299·7	266	− 13
755	Port Blair	11 40	92 40	17·7	1005·7	1007·7	+ 0·2	303·1	304·7	16th	297·9	296·1	29th	300·5	+0·1	*299·7*	317	+164
756	Rangoon	16 46	95 48	5·5	1007·6	1008·2	+ 1·6	302·9	305·7	21st	297·2	295·7	1st	300·1	+0·1	*299·1*	491	− 82
757	Saigon	10 47	106 42	11·2	1006·2	1007·4	+ 0·2	304·8	306·4	11th, 24th	296·1	293·7	1st	300·5	−0·1	*299·9*	298	− 41
758	Nhatrang	12 15	109 12	3·6	1006·6	1007·0	+ 2·0	304·8	307·3	29th	296·7	295·0	1st	300·7	−0·9	*300·2*	13	+ 23
759	Bolinao	16 24	119 53	9·7	..	1007·3	+ 1·4	305·5	307·5	13th	297·3	296·1	8th, 27th	301·4	+0·9	300·8	290	− 40
761	Vigan	17 34	120 23	12·2	..	1007·3	+ 1·2	306·2	307·8	18th	296·4	295·0	12th	301·3	+0·5	300·6	349	−365
761*a*	Manila	14 35	120 59	14·2	..	1007·8	+ 0·6	305·1	307·1	9th	296·6	295·4	2nd	300·9	−0·1	299·9	180	−311
762	Ormoc	11 0	124 36	5·6	..	1008·0	+ 0·2	304·1	305·2	8th, 11th	295·8	294·3	1st	299·9	−0·1	299·4	181	−219
765	Guam, Ladrone Is.	13 24	144 38	20·4	..	1008·4	+ 0·8	303·1	304·0	15, 19, 24	297·5	296·4	5th, 22nd	300·3	+0·3	*300·8*	197	−107
		N.	E.															−181

Between Latitude 10° N. and 0°.

JULY—ZONE 8.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
805	Fanning Island	3 55	159 23	4·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
821	Colon	9 23	79 23	7·6	..	1011·3	+ 0·8	303·3	305·2	3rd	296·8	295·8	6th	300·0	+0·4	*299·6*	265	−142
822	Bogota	4 36	74 6	2645	..	..	..	..	..	..	..	..	..	..	..	..	44	+ 4
822*a*	Merida	8 36	71 10	1641	842·4	..	..	297·8	300·7	28th	288·1	285·8	5th	292·9	..	*291·8*	84	..
824	El Peru, Guayanavieja	7 30	62 0	220	986·5	1011·6	− 0·5	301·1	303·9	16th	294·3	292·9	7th	297·7	−0·6	*297·2*	364	+186
825	Georgetown, Brit. Guiana	6 50	58 12	1·8	..	1014·3	− 1·0	302·4	303·3	15th	296·2	294·4	25th	299·3	−0·3	*298·9*	202	− 49
826	Paramaribo	5 49	55 9	3·7	1012·3	1012·7	− 1·2	303·8	305·8	31st	295·6	293·8	3rd	299·7	−0·3	*298·0*	295	+ 90
826*a*	Cayenne	4 56	52 21	6	..	..	..	303·8	305·8	10th	294·8	294·0	22nd	299·3	−0·6	*299·3*	125	− 51
833	Conakry	9 31	13 43	16	1011·1	1012·9	− 1·0	301·7	304·4	..	295·4	293·4	..	298·5	−0·1	*298·1*	1055	−369
834	Freetown, Sierra Leone	8 30	13 9	68·3	1005·8	1013·8	+ 0·5	301·1	303·6	4th, 26th	295·2	293·0	25th, 26th	298·2	−0·9	*297·8*	1413	+540
835	Cape Coast Castle	5 5	1 13	?	..	..	..	..	..	..	293·5	291·3	2nd	297·9	..	..	268	+213
836	Accra	5 12	W 0 12	18	..	..	..	300·5	301·9	4th	294·4	293·0	12th	297·4	−0·4	*297·0*	85	+ 49
837	Lagos	6 27	E 3 24	1·8	1014·1	1014·3	− 0·9	301·1	303·1	..	295·8	294·1	..	298·4	+0·2	*298·0*	193	− 76
838	Zungeru	9 49	6 10	130	997·0	1012·0	− 1·5	302·8	305·8	3, 7, 9	293·9	291·9	22nd	298·4	−0·6	..	73	−122
838*a*	Labreville	6 23	2 26	35	1007·3	1011·3	..	303·6	306·5	30th, 31st	295·1	293·5	5th	299·3	+2·1	*298·7*	0	− 2
839	Yola	9 12	12 30	259	..	..	..	302·4	305·2	1st, 7th	294·7	292·4	10th	298·6	−0·4	..	181	+ 20
841	Wau	7 42	28 3	440	960·4	1009·4	− 0·9	303·6	307·0	9th	293·4	291·0	21st	298·5	−1·1	*296·9*	344	+159
843	Mongalla	5 11	31 47	439	961·2	1009·9	− 0·7	302·5	306·0	2nd	293·0	287·0	15th	297·8	−1·0	*296·4*	260	+128
844	Malakal (Kodok)	9 35	31 37	394	..	..	..	302·4	305·5	4th	293·4	292·5	sev. dates	297·9	−0·2	*296·9*	167	+ 21
845	Entebbe	0 5	32 29	1171	883·9	..	− 1·2	298·7	299·6	21st	290·5	289·1	15th	294·6	+1·0	*293·1*	80	+ 4
851	Harrar	9 42	42 30	1856	..	..	..	298·7	301·0	9th, 10th	287·2	285·0	30th	293·0	+1·1	..	228	+ 99
852	Mincoy	8 17	72 49	2·1	1009·3	1009·5	− 0·6	..	..	..	..	..	..	..	..	..	446	+243
853	Colombo Observatory	6 54	79 53	7·3	1006·6	1007·4	− 0·7	302·4	304·7	14th	296·2	294·2	18th	299·8	−0·6	*299·0*	344	+214
854	Nuwara Eliya	6 59	80 47	1886	..	..	..	293·1	296·3	20th	285·9	279·7	1st	289·5	+1·6	*288·8*	278	− 25
855	Trincomalee

JULY—ZONE 9.

Table representing the Meteorology of the Globe between Latitude 0° and 10° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
905	Malden Island	4 2	155 1	7·9	1010·1	1011·0	+ 0·4	305·0	305·8	sev. dates	296·2	294·7	20th	300·6	−1·5	*299·7*	15	− 34
921	Quito	0 10	78 35	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
924	Manaos	3 8	60 1	44·9	1007·3	1012·5	− 1·3	305·2	307·0	29th	296·1	294·6	9th	300·7	−0·6	*299·6*	24	− 14
926	Taperinha	2 30	54 42	20·0	1010·6	1012·9	..	..	..	..	293·8	291·5	6th	..	..	*297·5*	41	..
927	Turyassu	1 43	45 27	15·0	1011·6	1013·3	+ 0·3	304·3	305·6	27th	293·9	291·5	5th	299·1	−0·6	*297·7*	127	− 5
928	Barra do Corda	5 31	45 16	81·0	1004·1	1013·6	+ 0·8	305·4	307·1	24th	288·7	286·0	18th	297·1	−1·6	*295·7*	0	− 8
929	Quixeramobim	5 16	39 15	207	990·9	1014·6	+ 0·1	304·0	305·2	25th	294·7	292·9	18th	299·3	−0·7	*298·8*	1	− 19
930	Fernando Noronha	3 50	W32 55	95·0	1002·5	1013·5	− 0·4	299·0	299·8	4th	295·2	293·4	31st	297·1	..	*297·1*	77	+ 13
939	Loanda	8 49	E 13 13	59·3	..	1013·1	− 2·5	296·1	297·4	18th, 27th	291·5	289·0	28th	293·8	+0·7	293·5	0	0
940	Brazzaville	4 17	15 16	290	978·6	1011·8	..	301·6	304·0	4th, 31st	289·7	286·0	27th	295·7	+0·8	*294·9*	3	+ 2
943	Masaka	0 21	31 47	?1280	..	..	..	297·2	299·1	19th, 21st	287·6	285·8	8, 22, 23	292·4	0·0	*292·1*	3	− 27
944	Nairobi	1 15	36 44	1800	..	..	..	293·0	296·9	21st	281·3	274·1	23rd	287·2	−1·0	..	3	− 11
944*a*	Zanzibar	6 10	39 11	21·9	1016·1	1018·6	− 0·4	299·9	301·4	10th	295·5	293·8	16th	297·7	−0·1	*296·9*	10	− 61
945	Lamu	2 16	40 54	3·1	..	..	..	300·8	301·9	3rd	295·8	295·2	7th	298·3	−0·9	*297·9*	32	− 48
947	Seychelles, Port Office	4 37	55 27	4·6	1010·7	1011·2	− 1·3	299·7	300·7	2nd	297·6	296·3	30th	298·7	+0·1	*298·2*	143	+ 78
957	Padang	0 56	100 22	6·7	..	1009·3	− 2·0	303·3	305·0	26th	296·1	295·0	29th	299·7	..	299·0	260	− 33
958	Batavia	6 11	106 50	8·0	1008·3	1009·2	− 1·1	303·2	304·8	6th, 7th	296·3	295·6	6th	299·8	+0·5	299·4	29	− 37
958*a*	Pontianak	0 1	109 20	2·6	..	1009·0	− 1·1	303·2	305·3	16th	296·2	294·8	9th	299·7	..	298·8	273	+110
959	Passeroean	7 38	112 55	5·0	..	1009·3	− 1·6	304·2	306·4	22nd	293·3	291·2	29th	298·7	+0·2	298·9	8	− 24
960	Kajoeroas	7 56	114 9	1060	..	..	..	297·4	299·8	9th	291·0	289·0	29th	294·2	..	293·5	124	+ 87
962	Ambon	3 42	128 10	4·2	..	1009·3	− 1·3	300·9	302·7	26th	296·2	294·5	1st	298·5	+0·6	298·1	1009	+420
963	Manokwari	0 52	134 20	19·0	..	1008·1	− 0·7	303·0	304·8	18th	296·9	295·6	15th	299·9	..	299·5	253	+ 85
965	Daru	9 4	143 13	7·6	..	1010·2	− 1·2	301·0	..	..	..	..	..	..	..	..	36	− 65
966	Port Moresby	9 29	147 9	39·0	..	1009·8	− 1·7	303·2	..	..	296·3	..	..	299·8	+1·0	*299·4*	0	− 29
967																	208	−113
968	Rendova	8 30	157 12	1·8	1009·8	1010·0	− 0·4	..	..	..	..	..	..	..	..	..	184	+ 22
969	Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	1010·8	1011·1	+ 1·0	302·8	304·7	2nd	298·6	296·9	8th, 10th	300·7	+0·7	*300·3*	19	−125
970	Ocean Island	0 52	169 35	25·6	1004·8	1007·8	+ 0·1	304·2	304·7	sev. dates	297·6	295·2	3rd	300·9	+0·1	*300·3*		
		S.	E.															

JULY—ZONE 10.

Between Latitude 10° S. and 20° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		S.	W.															
1002	Apia, Samoa	13 48	171 46	2	..	1013·2	+ 1·5	302·1	303·4	9th	295·7	292·9	18th	298·9	+0·8	298·6	111	+ 41
1003	Alofi, Niue Island	19 2	169 55	36·6	..	..	..	300·8	303·6	6th	290·1	286·9	10th, 22nd	295·4	..	*294·7*	81	+ 30
1007	Makatea	15 47	148 14	47	1010·9	1016·3	..	305·0	303·8	303·1	..	295·0	293·0	..	..	*297·9*	120	+ 62
1021	Arequipa	16 22	71 33	2451	761·8	..	+ 0·1	291·6	294·8	28th	279·8	276·6	13th	285·7	−1·2	*285·0*	0	− 2
1022	Puerto de Arica	18 28	70 20	5	..	..	..	288·4	289·2	sev. dates	282·8	281·2	4th	285·6	−1·8	*287·2*	0	0
1023																		
1024	Sucre, Bolivia	19 30	64 24	2848	728·5	..	..	288·6	293·0	20th	275·7	269·0	1st	282·1	−3·6	*282·2*	3	− 1
1025	Corumba	19 0	57 39	116	1001·0	1014·6	0·0	298·5	308·0	15th	..	..	..	..	..	*293·6*	0	− 7
1026	Cuyaba	15 36	56 6	165	995·6	1014·7	+ 1·2	302·5	307·0	25th	292·2	286·5	1st	297·3	−0·8	*296·6*	0	− 4
1027	Bello Horizonte	19 55	43 55	857	923·5	1021·0	+ 1·4	296·9	300·0	29th	281·9	277·6	9th	289·4	−0·5	*289·2*	1	− 8
1028	Caetite	14 2	42 36	900	919·3	1020·9	+ 1·6	296·6	298·5	23rd	285·7	284·0	2nd, 6th	291·1	−1·2	*291·5*	11	+ 2
1029	Ondina (Bahia)	13 0	38 30	47·0	1012·7	1018·2	+ 0·3	299·4	300·6	2nd	293·1	291·6	30th	296·3	−0·8	*295·7*	176	− 18
1030	Aracaju	10 55	37 3	4·0	1017·5	1017·9	+ 0·3	300·6	302·5	2nd	295·0	293·5	29th	297·8	0·0	*297·6*	97	− 13
1035	St. Helena	15 57	W 5 40	632	945·4	1017·6	− 1·2	291·4	294·4	28th	284·7	283·5	29th	288·1	+0·2	*287·7*	91	− 8
1042	Gwelo	19 28	E 29 47	1417	865·4	..	− 0·7	295·9	300·2	24th	..	..	..	..	..	..	0	− 1
1043	Salisbury, Rhodesia	17 48	31 5	1457	860·3	..	− 1·2	295·9	301·0	23rd	277·6	275·2	5th	286·8	−0·6	..	0	− 1
1044	Zomba	15 23	35 18	2945	911·8	1018·3	− 1·1	295·5	299·1	21st	283·3	278·0	24th	289·4	−0·2	*289·1*	3	− 5
1045	Tananarivo	18 55	47 32	1400	868·4	..	− 0·1	291·9	295·1	22nd	280·4	277·8	4th	286·2	−0·9	*285·2*	6	0
1046	Sainte-Marie	17 0	49 51	15	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1055	Cocos Keeling Is.	12 5	96 53	4·6	1010·9	1011·5	− 0·9	301·5	302·6	10th	297·6	295·2	9th	299·6	+0·7	*299·3*	273	+ 13
1056																		
1057	Christmas Island	10 25	105 43	5·5	1008·1	1008·7	− 0·9	303·8	304·7	..	296·2	294·1	..	300·0	+0·5	*299·5*	94	− 43
1058																		
1061	Koepang	10 10	123 34	45·1	..	1010·1	− 1·8	303·8	305·4	4th	295·0	292·8	29th	299·4	..	299·0	28	+ 23
1061*a*	Derby	17 18	123 40	16·2	1012·9	1014·9	− 0·3	302·4	305·7	13th	286·1	280·2	18th	294·2	−0·9	..	0	− 5
1062	Hall's Creek	18 13	127 46	374	973·6	1016·2	− 0·4	299·8	304·6	16th	280·9	276·2	20th	290·3	−0·8	..	0	− 7
1063	Port Darwin	12 28	130 51	29·6	1007·9	1011·4	− 1·1	305·4	307·0	22nd	295·3	291·9	2nd	300·3	+2·0	*299·1*	1	− 2
1064	Daly Waters	16 16	133 23	211	988·4	1012·4	− 2·4	302·6	306·3	6, 16, 28	288·3	281·3	1st	295·4	+1·9	*294·6*	0	+ 10
1065	Mein	13 13	142 47	122	997·3	1011·2	− 0·9	301·4	303·8	31st	293·8	287·4	1st	297·6	+1·2	*297·1*	13	+ 33
1066	Georgetown, Queensland	18 22	143 32	302	980·6	1014·9	− 0·8	301·6	305·1	18th	289·1	275·4	1st	295·3	+2·2	..	40	+249
1067	Samarai	10 37	150 40	15·2	..	..	..	300·2	..	..	296·8	..	..	298·5	+0·2	*298·2*	507	− 65
1072	Suva, Fiji	18 8	178 26	16·8	1014·7	1016·7	+ 1·1	299·2	301·6	1st	293·3	290·9	25th	296·2	+0·1	*295·8*	52	
		S.	E.															

* Mean of max. and min. or of observations at fixed hours.

† Estimates not based on at least six equally-spaced observations each day are in *italics*.

JULY—ZONE 11.

Table representing the Meteorology of the Globe between Latitude 20° S. and 30° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1105	Rarotonga (Avarua)	21 12	159 47	6	..	..	..	297·1	299·7	4, 24, 30	292·6	288·0	19th	294·8	+0·5	*294·4*	384	+306
1106																		
1121	Punta Tortuga, Coquimbo	29 56	71 21	27	1016·7	1020·0	+ 2·6	286·8	288·4	27th	280·8	278·0	12th	283·8	−0·9	*283·9*	11	− 23
1122	Iquique	20 12	70 11	9	1017·5	1018·6	+ 2·4	289·4	291·4	13th	283·3	281·8	31st	286·3	−2·3	*286·9*	0	− 1
1123	Catamarca	28 27	65 47	510	..	1018·0	+ 3·4	291·3	298·1	11th	273·8	268·0	28th	282·5	−2·0	*283·4*	0	− 2
1124	Salta	24 46	65 28	1178	885·1	1017·2	+ 3·1	289·7	295·5	11th, 21st	273·0	267·5	29th	281·3	−2·4	*282·2*	0	− 1
1125	Goya	29 9	59 15	26	..	1019·8	+ 3·0	289·5	297·0	11th	278·8	273·0	6th	284·1	−3·6	*283·7*	41	− 5
1126	Asuncion	25 21	57 37	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1127	Curityba	25 25	49 17	908	916·7	1021·3	− 0·5	291·8	299·2	15th	278·3	268·4	9th	285·1	−0·8	*284·3*	67	+ 4
1128	Rio de Janeiro	22 54	W43 10	61·4	1013·0	1020·3	+ 0·3	297·0	302·6	23rd	290·7	286·6	8th	293·9	+0·4	293·6	35	− 10
1139	Windhoek	22 34	E 17 6	1665	..	..	..	292·0	295·2	25th	281·6	272·9	8th	286·8	+0·1	*286·6*	0	− 1
1140																		
1141	Kimberley	28 42	24 47	1202	887·6	..	− 0·8	293·3	297·4	22nd	275·6	268·9	13th	284·4	+1·0	283·6	6	− 3
1142	Johannesburg	26 11	28 4	1806	826·1	..	− 2·4	289·9	293·9	14th	278·7	273·3	9th	284·3	+1·0	*283·8*	0	− 6
1142*a*	Pretoria	25 45	28 12	1338	875·6	..	..	293·2	297·0	15th	277·9	275·3	13th, 14th	285·6	+1·4	..	0	− 20
1143	Durban	29 52	31 3	15·2	1019·4	1021·2	..	295·9	299·1	17th	285·3	281·9	16th	290·6	+0·7	*289·9*	0	− 24
1144	Lorenzo Marques	25 58	32 36	59·5	..	1022·3	− 0·2	298·9	305·2	20th	280·1	284·0	14th	292·5	+0·9	292·0	4	− 9
1147	Mauritius	20 6	57 33	55·2	1013·0	1019·6	− 0·8	295·9	297·6	23rd	287·9	285·5	27th	291·9	−1·1	291·8	19	− 44
1159	Onslow	21 43	114 57	4·3	1015·8	1016·3	− 0·1	296·9	300·8	14th, 27th	281·9	276·7	18th	289·4	−1·5	..	0	− 24
1160	Peak Hill	25 38	118 47	588	949·9	1017·9	− 0·1	289·9	296·1	23rd	279·2	274·2	17th	284·6	−1·5	..	6	− 12
1161	Nullagine	21 53	120 5	386	972·9	1017·4	− 0·3	295·2	301·2	24th	279·1	273·6	20th	287·1	−1·5	..	0	− 14
1162	Laverton	28 40	122 23	466	965·0	1019·6	− 0·7	288·7	297·7	24th	277·6	270·8	4th	283·2	−1·2	..	29	+ 12
1163	Alice Springs	23 38	133 37	587	950·6	1018·5	− 1·3	290·7	298·0	6th, 16th	277·2	271·9	13th	284·0	−0·5	*283·7*	2	− 9
1164*a*	William Creek	28 55	136 21	76·2	1009·6	1018·8	− 1·8	289·8	294·9	16th	279·7	275·8	5th	284·7	+0·4	*284·5*	31	+ 24
1164	Boulia	22 55	139 38	146	999·7	1017·0	− 0·5	295·3	304·9	17th	281·0	277·5	11th, 13th	288·1	+0·7	..	47	+ 39
1165	Thargomindah	27 58	143 43	123	1004·6	1019·4	..	289·1	295·8	17th	281·4	277·4	3rd	285·2	..	..	103	..
1166	Mitchell	26 32	147 52	336	..	..	..	291·2	295·3	17th	279·1	271·3	13th	285·1	+1·3	..	78	+ 43
1167	Rockhampton	23 24	150 30	11·3	1018·2	1019·5	+ 1·1	295·7	300·2	9th	285·8	278·3	2nd	290·8	+1·3	*290·2*	68	+ 33
1168	Brisbane	27 28	153 2	11·6	1020·4	1021·8	+ 3·5	292·6	296·3	5th	283·2	277·2	4th	287·9	+0·3	*287·3*	51	− 5
1169	Ouitchambo	21 52	166 3	38	1013·1	1017·6	..	299·0	302·2	23rd	285·5	281·0	20th	292·3	..	..	69	− 14
1170	Norfolk Island	29 5	167 53	15·2	1018·4	1019·8	+ 2·9	292·1	294·9	11th	288·0	284·4	6th	290·1	+1·0	*289·7*	100	− 53
		S.	E.															

Between Latitude 30° S. and 40° S.

JULY—ZONE 12.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		S.	W.															
1221	Juan Fernandez	33 37	78 50	10	..	..	..	286·6	289·3	1st	282·6	280·0	12th	284·6	−0·6	*285·0*	135	− 18
1221*a*	Punta Tumbes	36 37	73 6	91	1010·2	1021·4	+ 4·0	285·4	288·0	31st	278·4	275·5	13th	281·9	−1·5	*282·0*	39	− 45
1222	Punta Angeles, Valparaiso	33 1	71 1	41	1015·4	1020·2	+ 2·2	287·4	294·0	31st	279·4	276·4	29th	283·4	−2·0	*283·0*	46	− 61
1223	Santiago	33 27	70 42	520	958·6	1020·8	+ 2·4	286·1	293·5	31st	274·8	271·5	29th	280·5	−1·1	*279·7*	86	− 1
1223	Cordoba	31 25	64 12	423	969·6	1020·4	+ 3·4	290·1	298·2	..	272·6	265·6	..	281·3	−2·6	280·6	0	− 8
1224	Bahia Blanca	38 45	62 15	25	..	1018·2	+ 2·8	285·2	293·0	9th	275·1	268·0	1st	280·1	−1·6	279·6	6	− 21
1225	Buenos Ayres	34 46	58 22	25	..	1020·6	+ 2·0	286·5	294·0	31st	273·3	268·8	27th	279·9	−2·8	280·3	0	− 56
1226	Montevideo (Prado)	34 53	56 12	24·9	1017·4	1019·2	+ 1·0	..	..	..	..	269·5	..	..	−2·7	280·5	5	− 59
1226*a*	Rio Grande	32 2	W52 9	2	1018·7	1018·9	+ 1·9	285·5	291·7	17th	279·6	274·8	2nd	282·5	−3·5	*282·8*	155	+ 31
1239	Cape Town	33 56	E 18 29	11·3	..	1019·0	− 2·5	289·6	295·8	5th	281·1	275·1	12th	285·3	−0·4	*284·0*	83	− 7
1240	Danger Point	34 37	19 18	19·5	..	..	..	289·4	298·0	5th	282·1	277·4	26th	285·8	..	..	37	..
1241	Heidelberg	34 5	20 58	30·5	..	..	..	293·7	304·1	27th	275·4	270·2	26th	284·6	..	..	13	− 12
1242	East London	33 2	27 53	9·8	1018·1	1019·3	− 1·7	295·2	304·7	28, 29, 31	281·6	279·1	15, 16, 26	288·4	+0·3	..	2	− 23
1259	Perth (Observatory)	31 57	115 50	60·0	1011·7	1018·9	− 0·1	289·1	294·0	23rd	280·6	274·2	7th	284·9	−1·0	..	190	+ 24
1260	Katanning	33 42	117 35	310	980·5	1017·6	− 0·4	286·4	292·9	23rd	277·7	272·4	17th	282·1	−0·7	..	97	+ 19
1261	Coolgardie	30 57	121 10	423	969·0	1019·0	− 0·6	287·3	294·6	23rd	278·1	273·6	4, 10, 19	282·7	−1·0	..	27	+ 4
1262	Eucla	31 45	128 58	4·6	1015·8	1016·3	− 3·2	289·2	294·1	23rd	279·9	274·7	6th	284·6	−0·8	..	62	+ 39
1263	Streaky Bay	32 48	134 13	13·1	1016·4	1017·9	− 2·0	287·7	291·7	15th	280·7	276·3	18th	284·2	−0·4	..	93	+ 33
1264	Adelaide	34 56	138 35	42·7	1013·2	1018·4	− 2·0	288·0	291·5	24th	280·8	276·7	2nd	284·4	+0·5	*284·3*	84	+ 17
1265	Melbourne	37 49	144 58	35·1	1015·3	1019·5	+ 0·4	286·5	289·8	25th	278·9	275·2	13th	282·7	+0·5	282·3	39	− 7
1266	Bourke	30 13	145 58	110	1009·3	1022·6	+ 2·0	289·4	293·6	5th, 17th	279·6	275·2	3rd	284·5	+0·4	..	59	+ 36
1267	Sydney	33 52	151 12	44·5	1015·3	1020·7	+ 2·2	288·4	292·2	8th	281·7	279·1	17th	285·1	+0·8	..	83	− 40
1268	Lord Howe Island	31 32	159 4	4·6	1019·5	1020·1	..	292·2	294·3	6th	286·1	282·4	4th	289·1	..	..	129	− 73
1271	Auckland	36 50	174 50	38·1	..	1017·6	..	287·6	291·3	2nd	282·4	277·7	30th	285·0	+1·0	..	209	+ 78
1272	Napier	39 32	176 53	21·3	..	1019·6	+ 7·8	287·3	291·3	22nd, 24th	280·3	274·9	30th	283·8	+1·4	..	77	− 16
		S.	E.															

Between Latitude 40° S. and 50° S.

JULY—ZONE 13.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		S.	W.															
1301	Chatham Island	43 52	170 42	104	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1321	Isla Huafo	43 34	74 45	140	1001·8	1019·0	+ 4·4	281·2	284·5	25th	277·4	275·3	11th	279·3	−1·4	*279·8*	112	− 7
1322	Punta Galera	40 1	73 44	40	1016·8	1021·7	+ 6·5	283·3	285·1	9th	277·8	275·2	29th	280·5	−1·4	*280·6*	242	− 87
1323	Sarmiento	45 30	69 0	274	..	1013·5	..	280·8	287·8	31st	271·2	261·0	2nd	276·0	−0·5	275·5	2	..
1324	Punta Madryn	42 49	W64 58	14	..	1014·6	..	284·9	293·2	18th	273·1	266·6	2nd	279·0	−1·2	278·6	12	− 1
1365	Launceston	41 27	E147 10	10·1	1017·7	1018·9	+ 4·4	285·2	287·9	24th	276·5	271·8	12th	280·9	+0·9	..	66	− 11
1366	Hobart	42 53	147 20	53·9	1011·4	1018·0	+ 4·4	284·3	287·8	27th	277·5	274·2	15th	280·9	+0·5	*280·6*	115	+ 61
1370	Invercargill	46 25	168 21	5·5	..	..	..	282·7	290·2	21st	273·6	268·0	5th, 28th	278·1	0·0	..	62	− 25
1371	Dunedin	45 52	170 31	91·4	..	1017·1	+ 6·0	282·9	289·1	20th	275·6	272·4	14th	279·2	+0·9	..	66	− 12
1371*a*	Christchurch	43 32	172 38	7·6	..	1018·5	+ 5·8	283·8	292·7	22nd	276·0	271·3	28th	279·9	+1·0	..	90	+ 21
1372	Wellington	41 16	174 46	2·4	..	1019·4	+ 7·2	285·2	289·7	1st	279·8	273·8	29th	282·5	+0·8	..	163	+ 15
		S.	E.															

* Mean of max. and min. or of observations at fixed hours.

† Estimates not based on at least six equally-spaced observations each day are in *italics*.

JULY—ZONE 14. Table representing the Meteorology of the Globe between Latitude 50° S. and 60° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1421	Islota de los Evangelistas	52 24	75 6	55	997·8	1004·6	+ 2·6	278·8	280·8	27th	275·2	271·5	10th	277·0	+0·2	*277·1*	165	— 67
1422	Puerto de Punta Arenas	53 10	70 54	4	1002·7	1003·2	+ 1·0	276·9	280·8	4th	271·8	266·6	23rd	274·3	+0·8	*274·9*	42	— 2
1423	Punta Dungeness	52 24	68 26	5	1002·7	1003·3	+ 1·1	279·0	281·0	7th	271·8	269·0	24th	275·4	+0·3	*275·8*	6	— 18
1424	Santa Cruz	52 22	68 21	12	..	1007·0	— 0·7	279·1	286·0	18th	271·1	266·4	23rd	275·1	0·0	274·9	5	— 12
1424a	Año Nuevo	54 39	64 9	50	994·0	1000·2	..	276·8	278·8	20th	273·6	269·7	23rd	275·2	..	275·1	36	..
1425	Stanley, Falkland Is.	51 41	57 51	4	..	..	..	..	..	..	..	..	..	..	..	..	43	— 9
1426	Cape Pembroke	51 41	57 42	21	..	1002·9	+ 0·5	277·3	280·2	19th	272·3	268·6	1st	274·8	−0·4	275·2	..	..
1429	S. Georgia(CumberlandBay)	54 14 S.	36 33 W.	4	999·2	999·7	+ 1·7	272·3	280·0	29th	265·7	260·6	6th	269·0	−1·7	*268·8*	122	— 17

JULY—ZONE 15. Between Latitude 60° S. and 70° S.

1527	South Orkneys	60 44 S.	44 39 W.	6·1	..	1001·0	+ 6·4	..	278·7	..	..	241·7	..	..	+1·0	261·8	21	— 5
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Estimates not based on at least six equally-spaced observations each day are in *italics*.

DAILY OBSERVATIONS OF WIND WITHIN THE TROPICS.—JULY 1916.

Date.	St. Helena. 1035. Direction.	St. Helena. 1035. *Mean Velocity for the Day.	Fanning Island. 805. Direction and Force. 9h.	Fanning Island. 805. Direction and Force. 21h.	Sierra Leone. 834. Direction and Force. 9h.	Sierra Leone. 834. Direction and Force. 17h.	Entebbe. 844. Direction and Force. 7h.	Entebbe. 844. Direction and Force. 21h.	Malden Island. 905. Direction and Force. 9h.	Tulagi. 969. Direction and Force. 9h.	Ocean Island, 970. Direction and Force. 9h.	Ocean Island, 970. Direction and Force. 21h.	Suva, Fiji. 1072. Direction and Force. 9h.
	9h.	m/s	9h.	21h.	9h.	17h.	7h.	21h.	9h.	9h.	9h.	21h.	9h.
1	SSE	7·9	..	..	E 1	E 1	N 5	SW 4	ESE 2	Calm 0	E 2	E 2	E 3
2	SSE	10·4	..	..	Calm 0	Calm 0	W 3	SW 5	E 2	SE 2	SE 1	Calm 0	SE 2
3	SE	7·5	..	..	Calm 0	W 1	Calm 0	W 2	E 3	SE 2	SE 1	Calm 0	SE 3
4	SSE	5·2	..	..	E 1	W 1	W 3	SW 2	ENE 2	SE 4	S 1	Calm 0	SSE 4
5	SE	3·8	..	..	W 1	Calm 0	W 3	N 2	ENE 2	SE 4	SE 3	SE 4	SSE 3
6	SSE	5·1	..	..	Calm 0	Calm 0	W 3	W 3	E 2	SE 6	E 4	E 3	SSE 3
7	SE	3·9	..	..	Calm 0	SW 1	SW 2	W 3	E 2	SE 6	E 4	E 3	SSE 2
8	ESE	3·2	..	..	SW 1	W 1	Calm 0	W 3	ESE 3	SE 4	E 4	E 3	SE 2
9	SE	4·1	..	..	Calm 0	W 1	W 3	E 3	E 2	SE 6	E 4	E 2	SE 3
10	SSE	7·1	..	..	E 1	E 1	W 3	N 2	ENE 2	Calm 0	E 5	E 3	SE 4
11	SE	7·7	..	..	E 1	W 1	SW 3	W 2	ESE 3	SE 4	SE 5	E 4	SE 3
12	SE	9·6	..	..	W 1	W 1	SW 2	W 3	E 2	SE 4	SE 5	E 4	SE 2
13	SE	10·7	..	..	W 2	W 1	SW 2	W 3	E 2	SE 4	ESE 5	E 4	SE 2
14	SSE	9·5	..	..	W 1	W 4	W 3	W 3	E 3	SE 4	SE 5	SE 2	SE 1
15	SE	5·4	..	..	W 2	W 4	Calm 0	W 5	ESE 2	SE 4	ESE 4	SE 2	E 3
16	SE	5·9	..	..	E 1	Calm 0	SW 2	SW 2	E 2	SE 4	E 3	E 2	E 2
17	SE	6·4	..	..	Calm 0	Calm 0	W 3	W 3	ENE 3	SE 4	E 3	E 2	E 3
18	SE	6·9	..	..	Calm 0	Calm 0	W 3	SW 2	E 2	SE 4	ESE 4	E 3	SE 3
19	SSE	—	..	..	Calm 0	W 2	N 2	SW 4	ESE 2	SE 6	E 3	E 4	S 5
20	ESE	—	..	..	Calm 0	SW 1	W 3	SW 2	ESE 2	SE 8	E 4	E 3	S 2
21	ESE	—	..	..	SE 1	W 1	Calm 0	SW 3	E 2	SE 6	E 3	E 3	SE 1
22	SSE	10·0	..	..	Calm 0	E 2	SW 2	SW 2	E 2	SE 6	E 4	E 3	E 2
23	SSE	6·6	..	..	Calm 0	Calm 0	W 3	W 3	E 2	SE 6	E 5	E 4	SE 3
24	SSE	9·7	..	..	Calm 0	Calm 0	SW 2	W 3	ESE 2	SE 4	E 5	E 4	S 2
25	SE	8·0	..	..	W 2	E 1	W 3	SW 2	E 2	SE 4	E 6	E 4	SE 4
26	SE	3·3	..	..	E 2	Calm 0	Calm 0	SW 3	E 2	SE 6	E 4	E 3	E 2
27	Calm	1·6	..	..	W 1	SW 1	SW 2	SW 2	E 2	SE 6	ESE 4	E 3	NE 1
28	Calm	1·7	..	..	W 2	W 2	N 3	W 2	E 2	SE 6	ESE 5	SE 5	SE 3
29	Calm	1·6	..	..	Calm 0	W 2	Calm 0	SW 3	E 2	SE 6	ESE 5	ESE 4	SE 3
30	S	7·8	..	..	W 2	W 2	W 2	SW 3	E 2	SE 6	ESE 4	ESE 3	E 2
31	SSE	9·9	..	..	W 2	W 4	Calm 0	W 2	E 2	SE 4	E 5	E 4	SE 2
Mean ..	..	6·4	..	..	0·8	1·2	2·1	2·8	2·2	4·3	3·9	3·0	2·5
†Resultant	145° (83)	..	..	..	260° (28)		260° (69)		95° (96)	135° (93)	108° (88)		130° (83)
†Normal	139° (86)	6·9	..	117° (75)	261° (37)		240° (26)		92° (88)	132° (88)	100° (58)		98° (51)

* Velocity of the South-East Trade Wind at 632 metres.
† Direction and "constancy." For explanation see Introduction.

STATE OF ICE IN THE ARCTIC SEAS AND IN THE NORTH ATLANTIC.—JULY 1916.

* *Kara Sea.*—The ice covered an area of 246×10^3 sq. km., compared with a normal of 240×10^3 sq. km.

* *Barents Sea* was open almost to Hope Is., the ice lying to the west, and covering an area of 875×10^3 sq. km., compared with a normal of 519×10^3 sq. km. From Hope Is. the edge, containing many bergs, passed midway between Bear Is. and South Cape.

* *Spitsbergen.*—An ice belt about 20 miles broad, with a very irregular edge, extended along the west coast to Amsterdam Is. Foreland Sound and the bays on the west coast were filled with drift ice. Normally the west coast is free in July.

* *Greenland Sea, Iceland and Denmark Str.*—Up till the 18th there was ice round C. North and over Huna Bay but after that date only small pieces of ice were seen. The normal duration of ice round Iceland is 4 days. The passage between Grimsey and C. North was difficult to navigate. Otherwise the sea at Grimsey and round Iceland was free throughout the month, while the ice along the coast at Angmagsalik was alternately packed and scattered. The ice covered an area of 918×10^3 sq. km., compared with a normal of 718×10^3 sq. km.

North Atlantic and Labrador.—The ice drift on the Newfoundland Banks was insignificant, the southernmost berg being in 41° N. Some bergs were seen in Belle Isle Strait.

* *Davis Strait.*—The coast around C. Farewell was free until the 27th when ice arrived from the east coast. The edge lay about 80 miles off-shore and the ice drifted only so far as Julianehaab Bay, the coast from there to Upernivik being free.

* *Isforholdene i de arktiske Have*, 1916, published by the Danish Meteorological Institute.

RÉSEAU MONDIAL, AUGUST 1916

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF AUGUST 1916 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE.

Between Latitude 80° N. and 70° N. AUGUST—ZONE 1.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
123	Inglefield Bay	77 20	67 30	?	1007·4	..	— 1·4	..	..	..	..	..	..	..	..	*277·7*	12	..
124																		
125	Upernivik	72 47	W56 7	18·9	1007·2	1009·5	— 2·0	283·6	289·5	16th	275·4	271·3	11th	279·5	+0·6	*278·6*	18	— 11
126																		
139	Spitsbergen(GreenHarbour)	78 2	E 14 14	11·4	1009·0	1010·4	— 2·1	..	281·4	3rd	274·8	273·1	2nd	..	−0·5	276·5	46	+ 25
140																		
141	Gjesvaer	71 6	25 22	6·5	1007·6	1008·4	— 2·7	..	292·7	24th	280·3	277·3	9th	..	−0·3	*282·8*	145	+101
142	Mehavn	71 1	27 47	6·4	1008·2	1009·0	— 2·0	..	291·1	29th	279·6	275·3	23rd	..	−0·2	*282·3*	44	— 8
143	Vardö	70 22	31 8	10·0	1008·3	1009·5	— 2·3	..	288·0	28th	279·7	277·2	21st	..	−0·6	*281·3*	18	— 33
147	Malye Karmakouly	72 23	52 43	14·8	1007·4	1009·2	— 3·1	..	285·6	11th	..	..	..	..	−1·3	*277·6*	14	— 29
148	Waigatz	70 24 N.	58 47 E.	11·2	1005·5	1006·9	— 3·7	277·2	285·3	10th	273·1	270·5	31st	275·2	..	*275·0*	66	..

Between Latitude 70° N. and 60° N. AUGUST—ZONE 2.

203	Nome	N.	W.															
204	Candle	64 31	165 24	4·6	1005·6	1006·2	— 3·2	286·7	293·0	..	279·2	270·8	..	282·9	+0·4	..	77	+ 9
205	Tanana	65 55	161 57	2·4	..	..	..	291·1	297·4	1st	278·0	268·6	26th	284·6	..	..	27	..
206	Rampart	65 8	152 0	73·8	998·7	1007·6	— 3·1	292·6	301·9	..	278·2	267·4	..	285·4	+0·1	..	73	+ 19
207	Valdez	65 30	150 15	122	..	..	..	..	..	..	..	..	..	..	..	..	32	— 8
208	Eagle	61 7	146 16	8·2	1010·7	1011·7	— 2·8	287·4	293·6	..	279·1	273·6	..	283·2	−0·5	..	297	+150
209	Dawson	64 46	141 12	248	976·5	1005·8	— 2·9	291·8	299·1	..	277·7	269·7	..	284·8	+0·7	..	55	+ 1
210	Carcross	64 4	139 20	328	969·5	1008·2	— 5·0	292·4	300·2	3rd	278·6	271·3	28th	285·5	+0·2	..	30	— 10
211	Fort Good Hope	66 15	128 53	65·2	1002·7	1010·5	..	290·9	300·8	11th	277·7	269·1	31st	284·3	..	..	35	..
212	Fort Simpson	61 52	121 35	129	993·5	1008·8	..	293·6	305·2	12th	278·6	270·8	10th	286·1	−0·1	*286·7*	10	— 12
213	Hay River	60 51	115 20	161	989·1	1008·1	..	290·8	301·3	12th	280·8	273·0	31st	285·8	−1·6	..	36	+ 7
214																	25	..
225	Jacobshavn	69 13	51 2	12·6	1005·5	1007·0	— 4·4	285·3	292·0	15th, 16th	278·7	274·7	22nd	282·0	+2·9	*282·2*	9	— 25
226	Godthaab	64 11	51 44	9·0	1004·4	1005·5	— 4·1	285·9	290·9	24th	277·3	274·9	1st	281·6	+1·4	*280·7*	78	0
227	Ivigtut	61 12	48 10	5·0	1005·6	1006·2	— 3·3	..	..	..	278·8	274·8	21st	..	+0·7	*282·3*	106	+ 13
229	Angmagsalik	65 37	37 34	31·7	1006·8	1010·7	— 1·7	284·7	289·9	25th	276·2	271·3	7th	280·5	+0·6	*279·9*	72	+ 9
231	Stykkisholm	65 5	22 46	11·3	1009·5	1010·9	+ 1·7	287·0	293·5	12th	281·4	277·9	30th	284·2	+1·6	*283·8*	30	— 12
232	Vestmanno	63 26	20 15	7·7	1008·6	1009·5	+ 0·9	285·6	288·0	14th, 15th	281·4	276·2	30th	283·5	+0·4	*283·6*	118	+ 43
233	Grimsey	66 33	17 58	22·0	..	..	..	284·1	288·6	4th	278·8	275·9	29th	281·5	+1·0	*280·0*	15	— 19
233a	Akureyri	65 40	18 4	6·8	1010·2	1011·0	+ 1·2	..	..	..	..	..	..	..	..	..	..	..
234	Berufjord	64 40	14 19	18·0	1008·2	1010·4	+ 0·8	286·9	294·4	7th	279·8	274·9	26th	283·3	+1·4	*282·8*	222	+141
235	Thorshavn	62 3	6 45	25·7	1008·2	1011·3	+ 1·3	285·8	289·1	8th	281·2	278·6	27th	283·5	−0·1	*283·2*	48	— 47
236	Lerwick	60 9	W 1 8	18·0	1010·4	1012·6	+ 2·8	286·2	289·1	13th	282·2	280·2	9, 24, 28	284·2	−0·4	*283·8*	23	— 53
237																		
238	Bergen (Met. Obs.)	60 24	E 5 19	44·4	1004·8	1010·1	— 0·6	..	296·3	15th	283·7	280·5	25th	..	−0·6	*286·2*	96	— 63
239	Christiansund	63 7	7 48	17·8	1007·6	1009·7	— 0·9	..	290·8	14th	282·7	279·9	12th	..	−1·2	*284·8*	147	+ 44
240	Trondhjem	63 26	10 25	39·5	1004·8	1009·5	— 1·1	..	294·1	14th	281·8	277·8	12th	..	−1·3	*285·0*	60	— 16
241	Bodö	67 17	14 24	22·4	1006·3	1009·0	— 1·4	..	291·4	29th	281·8	278·6	13th	..	−0·3	*285·0*	72	— 11
242	Haparanda	65 50	24 9	9·2	1006·7	1007·8	— 3·0	289·3	293·0	29th	279·7	272·5	11th	284·5	−1·4	*284·2*	34	— 20
242a	Helsingfors	60 10	24 57	12·0	1004·2	1005·5	— 6·0	289·1	293·0	2nd	283·3	280·0	11th	286·2	−2·3	*286·1*	105	+ 32
243	Kuopio	62 54	27 40	90·3	994·6	1005·4	— 6·1	289·4	293·5	20th	282·4	278·8	11th	285·9	−1·0	*285·7*	46	— 24
244																		
245	Kola	68 53	33 1	6·7	1008·3	1009·1	— 1·5	285·4	291·5	23rd	277·5	271·4	31st	281·4	−2·4	*281·4*	28	— 16
246	Petrozavodsk	61 47	34 23	38·9	999·9	1004·5	— 7·1	..	292·9	25th	..	..	..	..	−1·8	*285·3*	49	— 33
247	Arkhangelsk	64 35	40 36	5·8	1004·3	1005·0	— 6·0	287·5	295·8	24th	280·4	277·7	13th	284·0	−3·1	*283·4*	57	— 5
248	Mezen	65 50	44 16	12·6	1003·5	1005·0	— 5·2	285·5	292·0	24th	277·4	271·5	21st	281·4	−2·8	*281·2*	52	0
	Oust-Tsylma	65 25	52 14	? 70	995·4	1003·9	— 7·1	285·6	289·9	2nd	278·1	274·9	20th	281·8	−3·6	*281·1*	55	..
	Tcherdyn	60 24	56 31	?177	981·6	1002·7	— 7·9	..	292·2	23rd	281·1	276·1	21st	..	−3·6	*283·7*	169	+102
249																		
250	Berezov	63 56	65 4	39·9	998·0	1002·8	— 8·4	..	294·6	4th	280·3	271·1	26th	..	−1·8	*284·1*	55	— 3
251	Obdorsk	66 31	66 35	23·7	1000·7	1003·6	— 7·5	..	290·8	1st	279·4	272·9	25th	..	−1·1	*282·7*	58	+ 8
252	Sourgout	61 15	73 24	? 40	998·8	1003·6	— 6·6	..	299·1	4th	280·2	269·6	25th	..	−2·0	*284·9*	103	+ 22
253																		
254	Doudinka	69 23	86 4	20	999·5	1001·9	— 8·1	..	297·8	1st	280·2	273·7	31st	..	..	*283·7*	93	+ 9
	Touroukhansk	65 47	87 57	45	998·4	1003·8	— 6·1	..	297·0	5th	281·6	272·5	29th	..	−0·1	*285·3*	67	..
261	Olekminsk	60 22	120 26	155	987·9	1006·2	— 2·0	..	300·2	1st	283·2	271·6	31st	..	+1·4	*288·5*	39	— 12
262	Iakoutsk	62 1	129 43	108	993·0	1005·8	— 3·2	..	301·5	3rd	283·2	276·5	31st	..	+0·9	*289·0*	88	+ 42
263	Verkhoïansk	67 33	133 23	100	989·0	1000·8	— 6·8	..	298·2	4th	279·8	273·8	2nd	..	+3·1	*286·2*	36	+ 11
264	Oust-Maïskoe	60 25	134 29	?100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
271																		
272	Markovo-sur-Anadyr	64 45	170 50	25·0	1004·7	1007·7	— 1·5	287·5	295·2	23rd	278·7	270·1	26th	283·1	+0·7	..	26	— 23
	Novo-Mariinskii Post	64 45 N.	177 33 E.	5·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Estimates not based on at least six equally-spaced observations each day are in *italics*.

AUGUST—ZONE 3. Table representing the Meteorology of the Globe between Latitude 60° N. and 50° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
303	Dutch Harbor	53 54	166 32	4·0	..	..	..	286·1	290·2	..	279·2	276·9	..	282·6	−1·1	..	57	−25
304																		
305	Kodiak	57 47	152 22	1·8	1007·6	1007·8	− 3·9	287·7	297·4	..	283·4	281·3	..	285·6	..	..	126	− 20
306																		
309	Sitka	57 4	135 20	27·4	1012·6	1015·9	− 0·6	288·7	294·7	..	283·7	278·6	..	286·2	+0·3	..	163	− 18
310	Prince Rupert	54 18	130 18	51·8	1009·0	1015·2	− 1·9	291·3	303·0	25th	283·6	278·0	17th	287·4	+0·6	..	125	− 3
311	Barkerville	53 2	121 35	1274	872·5	..	..	291·3	297·4	28th	277·4	271·9	17th	284·4	−0·7	*284·3*	14	− 68
312	Kamloops	50 42	120 29	385	972·1	1010·6	− 0·1	301·3	307·4	27th	284·7	280·2	21st	293·0	−0·1	*292·8*	10	− 17
313	Calgary	51 2	114 2	1045	895·5	..	..	296·3	302·4	1st, 14th	281·3	276·9	10, 11, 19	288·8	+1·0	*289·1*	52	− 12
314	Fort Chipewyan	58 42	111 10	218	984·1	1009·8	..	..	..	..	..	..	..	..	−0·9	*287·3*	44	+ 2
315	Prince Albert	53 10	106 0	442	959·9	1011·1	− 0·5	295·8	302·4	1st, 14th	281·3	271·9	29th	288·6	+0·7	*289·0*	42	− 14
316	Qu'Appelle	50 30	103 47	645	936·9	1010·9	− 2·1	296·9	304·7	1st	281·3	273·6	29th	289·1	−0·1	287·5	76	+ 25
317	Minnedosa	50 15	99 50	515	952·6	1012·1	− 0·8	296·3	305·8	18th	281·9	274·1	13th	289·1	+0·2	*288·7*	30	− 23
318	Berens River	52 18	97 23	216	..	..	..	296·7	303·6	4th	282·2	277·4	19th	289·5	−0·5	*288·9*	29	− 21
318a	Port Nelson	57 4	92 36	14·9	1002·4	1004·2	..	291·3	302·4	1st	279·7	271·9	27th	285·5	..	..	76	..
319	Fort Hope	51 33	87 49	335	..	..	..	296·3	306·9	19th	283·0	271·9	27th	289·7	+1·6	..	..	..
320	Moose Factory	51 14	80 30	9·1	1006·4	1007·5	− 6·0	296·9	306·9	20th	284·1	276·3	1st, 31st	290·5	+2·3	..	8	− 72
321	Fort George	53 50	79 5	?	..	..	..	292·2	301·9	19th	281·9	274·7	31st	287·1	..	..	67	..
322	Mistassini Post	50 15	73 55	383	..	..	..	294·7	303·6	20th	283·3	276·3	26th	289·0	..	..	97	..
323	Hebron	58 12	62 21	15·0	1009·9	1011·7	+ 3·1	..	..	..	277·9	274·1	..	..	..	*281·5*	58	..
324	Natashquan	50 8	61 48	?	..	..	..	291·1	295·8	9th, 12th	281·5	274·1	2nd	286·3	..	..	59	..
325																		
326	Belle Isle	51 23	55 23	133	..	..	..	..	..	..	..	..	..	..	..	..	..	..
334	Cahirciveen (Valencia Obs.)	51 56	10 15	13·7	1011·4	1013·0	− 1·2	292·7	298·0	4th	287·1	283·0	21st	289·9	+2·0	289·8	122	+ 17
335	Aberdeen	57 10	2 6	26·8	1009·0	1012·2	+ 0·8	288·6	295·8	5th	283·1	278·6	29th	285·9	−0·5	285·8	87	+ 33
336	Greenwich	51 28	W 0 0	48·5	1008·2	1014·0	− 1·0	296·1	301·9	1st	285·6	280·8	31st	290·8	+0·6	290·1	89	− 9
337	Uccle	50 48	E 4 22	100	1001·8	1013·7	− 1·9	295·3	301·0	2nd, 12th	285·1	279·6	6th	290·2	0·0	289·8	71	+ 18
338	De Bilt	52 6	5 11	3·0	1012·9	1013·3	− 1·4	294·8	299·9	10th	285·3	279·5	23rd	290·1	−0·3	289·4	100	+ 23
338a	Hamburg	53 33	9 58	40	1006·8	1011·5	− 2·2	293·0	297·5	13th	286·4	283·5	8th	289·7	−0·6	*289·2*	101	− 63
339	Copenhagen	55 41	12 36	5·0	1008·6	1009·2	− 3·7	291·3	295·2	9th	286·2	283·7	24th	288·7	−0·4	*288·6*	129	+ 15
340	Potsdam	52 23	13 4	84·9	1001·8	1011·9	− 2·8	294·9	301·6	10th	285·5	280·5	8th	290·2	−0·2	289·5	73	− 3
340a	Upsala	59 51	17 38	24·0	1005·3	1008·2	− 2·9	290·8	295·3	16th	280·9	275·4	22nd	285·8	−1·8	285·8	79	+ 21
341	Warsaw	52 13	21 1	133	995·5	1011·1	− 3·6	294·6	303·6	18th	285·4	280·1	9th	290·0	−1·2	289·7	96	+ 65
342	Jurjev	58 23	26 43	74·5	996·7	1005·6	− 5·9	290·4	297·0	21st	282·6	276·7	11th	286·5	−2·3	285·9	138	
343	Petrograd	59 56	30 16	4·8	1003·9	1004·5	− 7·3	289·6	299·7	21st	284·0	279·2	15th	286·8	−2·0	*286·6*	154	+ 83
344	Kiev	50 27	30 30	183	989·2	1010·8	− 3·1	295·1	302·7	19th	285·1	280·8	9th	290·1	−2·2	*289·4*	61	+ 3
344a	Moscow	55 50	37 33	167	986·2	1006·0	− 6·4	291·5	300·1	21st	282·9	278·0	12th	287·2	−2·9	*286·7*	101	+ 10
345	Saratov	51 32	46 3	59·9	1001·2	1008·3	− 3·4	..	305·5	21st	287·3	282·0	13th	..	−1·5	*292·1*	46	+ 11
346	Kazan	55 47	49 8	79·9	997·0	1006·5	− 4·3	293·9	301·3	23rd	284·4	279·9	12th	289·2	−2·1	*288·4*	65	+ 12
347	Orenburg	51 45	55 6	109	996·3	1009·2	− 1·7	298·4	305·3	24th	285·1	279·4	13th	291·8	−0·6	*291·7*	21	+ 88
348	Perm	58 1	56 16	163	984·7	1004·0	− 6·2	290·2	297·0	23rd	282·6	277·1	22nd	286·4	−2·6	*285·6*	161	+ 6
349	Ekaterinburg	56 49	60 38	281	972·2	1005·2	− 6·3	290·0	295·3	3rd	281·5	277·2	22nd	285·8	−2·2	*285·7*	70	+ 45
350	Tobolsk	58 12	68 14	108	993·0	1005·9	− 4·7	291·0	299·5	3rd	281·6	276·2	29th	286·3	−2·3	*286·1*	116	+ 36
351	Akmolinsk	51 12	71 23	?347	969·4	1009·4	− 1·4	298·8	306·1	18th	283·4	276·6	23rd	291·1	+0·7	*291·4*	2	+ 3
352	Omsk	54 58	73 23	87·9	997·1	1007·5	− 2·5	294·7	303·6	3rd	282·7	277·0	24th	288·7	−0·8	*288·8*	52	+ 26
353	Barnaoul	53 20	83 48	162	990·3	1009·4	− 1·3	296·1	303·9	8th	282·7	277·3	17th	289·4	0·0	*289·8*	71	+ 5
354	Tomsk	56 30	84 58	122	992·8	1007·4	− 2·3	..	301·4	5th	282·8	274·9	27th	..	−0·8	*287·3*	72	
355	Minousinsk	53 43	91 41	249	979·8	1008·7	− 2·3	..	302·8	12th	283·5	276·8	23rd, 26th	..	..	*290·3*	32	+ 29
356	Eniseisk	58 27	92 10	77·6	997·2	1006·4	− 3·8	..	300·7	6th	281·6	271·7	28th	..	−1·4	*287·1*	72	+ 5
357	Irkutsk	52 16	104 19	467	954·4	1008·4	− 1·9	..	302·4	1st	281·9	275·9	26th	..	−0·3	*288·0*	73	+ 1
358	Kirensk	57 47	108 7	263	977·0	1007·8	− 1·9	..	302·1	2nd	282·7	272·2	29th	..	+0·1	*288·3*	59	+ 1
359	Tchita	52 2	113 30	687	929·2	1007·5	− 0·7	..	299·6	8th	282·5	273·6	27th	..	0·0	*288·4*	93	..
360	Blagoveshchensk Priisk	58 10	114 19	490	950·3	1007·2	− 2·0	..	303·1	8th	279·8	270·7	31st	..	..	*286·2*	83	− 95
360a	Nertchinskii Zavod	51 19	119 37	626	937·0	1007·6	− 0·3	..	302·8	12th	283·6	274·5	28th	..	+2·9	*291·4*	17	
361	Tygan Ourkan	54 5	124 46	379	963·8	1007·7	..	297·1	301·9	4th	281·9	272·4	28th	289·5	..	*289·7*	97	− 64
362	Blagoveshchensk (Bureau Météor.)	50 16	127 30	142	991·5	1008·0	+ 2·1	299·7	304·9	14th	288·6	283·2	31st	294·2	+2·3	*293·9*	69	
363	Paikanskii Sklad	50 11	130 7	145	990·7	1007·7	..	299·5	304·6	14th	285·1	276·5	28th	292·3	..	*292·2*	98	
364																		
365	Nikolaevsk-sur-Amour	53 8	140 45	21·2	1005·1	1007·6	− 0·4	..	302·3	26th	287·2	278·9	29th	..	+3·4	*292·2*	112	+ 32
366	Okhotsk	59 21	143 12	6·0	1006·3	1007·0	− 4·1	289·6	298·8	16th	283·6	279·0	30th	286·6	+0·7	*286·2*	136	+ 36
367																		
368	Petropavlovsk (Radio)	53 0	158 39	13·5	1006·3	1007·9	− 2·7	290·9	295·6	24th	282·8	279·1	22nd	286·9	..	*286·4*	129	..
369		N.	E.															

* Mean of max. and min. or of observations at fixed hours. † Estimates not based on at least six equally-spaced observations each day are in *italics*.

Table representing the Meteorology of the Globe between Latitude 50° N. and 40° N. AUGUST—ZONE 4.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
411	Victoria, B.C.	48 24	123 19	70·1	1007·4	1015·8	− 1·4	292·4	303·0	23rd	283·6	281·9	17, 20, 29	288·0	−0·3	287·7	0	− 17
412	Portland, Oregon	45 32	122 41	46·6	1010·2	1015·6	− 0·7	298·8	308·6	24th	287·2	280·8	19th	293·0	+1·1	*292·9*	7	− 9
413	Macleod	49 44	113 24	954	..	..	..	297·3	306·3	1st	282·2	276·9	4th	289·7	−0·1	..	128	+ 85
414	Helena	46 34	112 4	1253	874·5	1014·2	+ 0·6	299·2	305·8	1st	283·5	276·9	20th	291·3	−1·1	*291·2*	30	+ 12
414a	Salt Lake City	40 46	111 54	1329	867·2	1012·2	− 0·1	302·1	308·0	1st	289·4	283·6	19th	295·7	−1·2	*295·9*	15	− 5
415	Cheyenne	41 8	104 48	1856	816·3	1014·5	+ 1·5	297·5	303·0	2nd	283·9	278·0	27th	290·7	−1·4	*290·4*	32	− 6
416	North Platte	41 8	100 45	859	917·9	1014·9	+ 1·2	303·4	310·2	3rd	289·3	283·0	22nd	296·3	+0·5	*295·9*	60	0
416d	Bismarck	46 47	100 38	511	955·6	1014·9	+ 0·5	299·8	309·1	16th	285·4	277·4	13th	292·6	−0·2	*292·9*	50	− 1
417	Winnipeg	49 53	97 7	232	985·1	1012·2	− 1·7	297·4	306·9	18th	284·7	276·3	12th	291·1	+0·9	291·3	60	− 2
418	Duluth	46 47	92 6	345	974·0	1014·5	− 0·3	297·1	305·2	6th	285·7	279·1	26th	291·4	+1·4	*291·1*	86	+ 9
419	Port Arthur	48 27	89 12	196	990·0	1013·1	− 1·8	295·8	301·9	8th	284·7	276·9	30th	290·2	+1·7	*290·1*	141	+ 71
420	Chicago	41 53	87 37	251	986·9	1016·2	+ 0·3	301·5	309·1	21st	294·1	286·9	27th	297·8	+2·9	*297·2*	27	− 52
421	Toronto	43 40	79 24	116	1001·7	1015·3	− 0·2	301·9	309·7	21st	288·6	280·8	31st	295·2	+3·0	294·6	40	− 30
422	New York (Central Park)	40 46	73 58	30·2	1011·7	1015·2	− 1·4	301·5	308·0	22nd	292·1	286·3	29th	296·8	+0·5	296·5	14	− 98
423	St. John, N.B.	45 17	66 4	36·2	..	1013·9	− 1·4	293·0	299·7	6th, 22nd	284·7	280·8	14th	288·8	−0·1	288·4	43	− 55
424	S.W. Point, Anticosti	49 24	63 33	9·1	1009·5	1010·6	− 1·7	290·8	293·6	11th	284·1	279·1	2nd	287·4	+1·0	..	59	− 28
424a	Sable Island (Main Station)	43 57	60 6	7·6	1014·5	1015·4	− 1·4	293·0	295·8	24, 25, 28	287·4	284·7	15th	290·2	0·0	..	39	− 55
425	Port aux Basques	47 35	59 10	9·1	1011·2	1012·3	− 2·8	291·3	297·4	8th	284·1	279·7	15th	287·7	+0·2	..	101	− 14
426	St. John's, Newfoundland	47 34	52 42	38·1	1005·1	1009·6	− 4·1	293·0	299·7	26th	283·6	278·6	10th, 11th	288·3	+0·1	..	57	− 33
435	Madrid	40 24	3 41	655	940·6	1013·6	− 1·2	308·1	312·1	12th	288·2	284·0	31st	298·1	+0·7	298·0	0	− 12
436	Nantes	47 15	W 1 34	36·5	1010·9	1015·2	− 1·9	298·2	306·0	2nd	286·9	282·1	31st	292·5	+0·8	292·1	72	+ 23
437	Paris (Parc St. Maur)	48 49	E 2 29	50·3	1009·0	1015·0	− 1·7	297·2	304·3	2nd	285·7	281·7	6th, 22nd	291·4	+0·2	290·9	76	+ 26
438	Marseilles	43 18	5 23	74·8	1004·9	1013·7	− 1·4	301·6	308·1	3rd	289·1	283·4	21st	295·3	+0·2	294·9	3	− 14
438a	Zürich	47 23	8 33	493	959·2	1010·4	− 1·1	296·3	303·7	2nd	285·1	281·0	23rd	290·7	−0·6	289·8	115	− 17
439	Rome	41 54	12 28	50·6	1008·0	1013·6	− 1·4	302·1	306·6	3rd	291·1	288·2	23rd	296·6	−0·5	*296·5*	20	− 7
440	Vienna	48 15	16 22	203	989·4	1013·6	− 1·8	294·9	302·1	17th	286·9	282·4	10th	290·9	−1·3	290·7	90	+ 20
440a	Buda-Pesth	47 31	19 1	130	998·0	1013·2	− 1·6	300·2	306·7	17th	286·8	282·1	7th	293·5	+0·2	*292·8*	38	− 11
441	Monastir	41 1	21 23	617	..	..	..	..	..	..	..	..	..	..	..	..	..	..
442	Bucharest	44 25	26 6	82	1002·8	1012·4	− 1·8	301·8	307·5	31st	287·2	283·0	10th	294·5	−1·1	294·1	38	− 13
443	Odessa (University)	46 29	30 44	65·3	1004·8	1012·5	− 1·9	298·2	301·7	1st	289·7	284·9	9th	294·0	−1·0	*293·7*	12	− 20
444	Kharkov (University)	50 0	36 14	140	994·0	1010·5	− 4·2	296·2	304·0	20th	284·5	279·9	13th	290·4	−1·9	*289·8*	47	− 4
444a	Novorossiisk	44 44	37 49	37·1	1006·8	1011·1	− 1·7	301·1	304·4	21st	291·6	286·7	4th	296·4	−0·4	*296·0*	47	+ 18
445	Tiflis	41 43	44 48	404	964·3	1010·0	− 2·1	302·9	309·6	8th	291·9	288·1	12th, 20th	297·4	−1·1	*296·2*	30	− 8
446	Astrakhan	46 21	48 2	−13·8	1012·7	1011·1	− 1·3	302·2	305·0	7th	291·8	289·0	11th	297·0	0·0	*296·4*	0	− 12
447	Fort Alexandrovsk	44 30	50 16	24	1006·6	1009·4	− 3·3	301·5	308·2	5th	293·0	286·6	4th	297·2	−0·1	*297·6*	5	− 6
448	Krasnovodsk	40 0	52 59	−14·6	1009·4	1007·8	− 3·3	307·1	313·2	9th	297·4	293·1	4th	302·2	+0·2	*301·7*	0	− 5
449	Aralskoe More	46 47	61 42	57·0	1004·6	1011·2	− 0·3	303·8	311·5	9th	289·6	285·0	29th	296·7	+0·6	*297·3*	1	..
450	Tachkent	41 20	69 18	479	951·0	1004·2	− 3·2	309·0	313·0	4th	290·0	285·2	25th, 26th	299·5	+1·1	*298·6*	0	− 1
451	Narynskoe	41 26	76 0	?2015	792·8	..	..	..	..	..	285·0	279·6	29th	..	+4·4	*294·0*	0	..
452	Vernyi	43 16	76 53	?825	915·0	1005·4	− 1·6	305·0	311·1	19th	291·6	284·9	30th	298·3	..	*297·3*	6	..
461	Mukden	41 48	123 23	43·8	1001·7	1006·7	− 0·1	303·6	308·4	25th	292·9	285·2	29th	298·3	+0·9	297·4	147	+ 10
462	Joshin	40 40	129 11	4·0	1008·4	1008·9	+ 0·6	299·0	301·6	4th	292·7	287·5	21st	295·9	+1·0	295·7	184	+ 59
463	Yuki	42 20	130 24	65·6	1002·0	1009·7	..	297·5	302·9	27th	291·2	286·7	15th	294·3	..	294·4	179	..
464	Vladivostok	43 7	131 55	28·8	1006·6	1009·9	+ 0·4	300·1	304·6	16th	292·8	287·7	29th	296·5	+1·8	295·6	103	− 7
465	Ochiai	47 20	142 44	6·6	1009·6	1010·4	− 0·7	298·6	304·2	1st	287·3	281·1	29th	292·9	+3·3	292·9	55	− 38
466	Nemuro	43 20	145 35	26·7	1008·5	1011·6	+ 0·1	296·7	301·0	8th	289·8	285·6	11th, 15th	293·2	+2·7	293·0	59	− 31
466a	Syana	45 14	147 53	39·3	1007·2	1011·8	− 0·4	295·4	300·7	1st	286·8	279·4	16th	291·1	+2·7	291·2	35	− 35
		N.	E.															

Between Latitude 40° N. and 30° N. AUGUST—ZONE 5 (Western Half).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		N.	W.															
511	San Francisco	37 48	122 26	47·2	1008·1	1013·9	0·0	291·3	301·9	20th	284·1	281·9	7th	287·7	−0·5	*286·8*	7	+ 6
512	San Luis Obispo	35 18	120 39	61·3	1007·1	1014·5	+ 0·5	296·9	302·4	26th	283·4	280·8	20th	290·2	−1·3	*288·8*	0	− 1
513	San Diego	32 43	117 10	26·5	1009·2	1012·2	− 0·3	295·2	301·9	1st	289·6	287·4	21st	292·4	−1·6	*291·8*	0	− 2
514	Modena	37 48	113 54	1670	834·8	1012·5	+ 0·6	300·3	304·1	23rd	283·3	279·1	10th	291·8	−2·0	*291·3*	50	+ 13
515	Santa Fé	35 41	105 57	2138	791·2	1012·2	− 0·1	298·1	301·9	10th	286·5	282·4	28th	292·3	−0·9	*291·6*	42	− 14
516	Denver	39 45	105 0	1613	840·1	1014·9	+ 1·4	299·9	304·7	5th	287·2	283·6	21st	293·6	−1·4	*292·9*	44	+ 9
517	Abilene	32 23	99 40	530	954·0	1013·5	+ 0·4	307·1	309·7	13th	294·1	285·8	24th	300·6	+0·2	*300·5*	13	− 46
518	Saint Louis	38 38	90 12	173	995·7	1015·9	+ 0·4	303·8	308·6	4th	294·1	285·8	28th	298·9	+0·9	*299·1*	272	+199
519	Mobile	30 41	88 2	17·4	1014·5	1016·6	+ 1·2	305·1	308·0	18th	296·5	293·0	26th	300·8	+0·5	*300·0*	139	− 34
520	Nashville	36 10	86 47	166	997·9	1017·3	+ 1·4	303·9	306·9	20th	293·7	286·9	30th	298·8	0·0	*298·4*	108	+ 21
521	Charleston	32 47	79 56	14·6	1015·3	1016·9	+ 0·6	304·2	309·1	13th	297·2	294·7	30th	300·7	+0·5	*300·3*	79	− 93
522	Washington	38 54	77 3	34·1	1011·9	1015·9	− 0·2	302·6	309·1	22nd	291·4	286·3	14th	297·0	0·0	*296·6*	72	− 37
524	Bermuda	32 18	64 46	46·0	1013·3	1018·6	− 0·2	301·4	302·3	30th	295·9	293·7	4th	298·7	−1·0	*298·7*	138	0
530	Santa Cruz (Flores)	39 27	31 9	28	1016·6	1019·7	− 3·8	297·7	299·7	24th	291·6	288·0	29th	294·6	−0·5	*294·5*	146	+ 48
531	Horta	38 32	28 38	63	1012·6	1019·8	− 2·6	297·5	301·3	14th	292·4	290·3	30th	294·9	−0·6	294·7	89	+ 5
532	Ponta Delgada	37 44	25 40	22	1018·0	1019·9	− 2·5	297·4	298·9	16th	292·6	290·6	30th	295·0	−0·1	294·9	..	..
532a	Faja da Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	43	− 13
533	Madeira (Funchal)	32 37	16 54	25	1016·6	1019·5	+ 0·4	296·9	299·0	7th	292·7	291·2	23rd	294·8	−0·6	*295·0*	0	− 3
534	Lisbon	38 43	9 9	95	1005·8	1017·0	− 0·2	299·6	308·1	1st	291·3	289·0	22nd	295·5	0·0	*294·7*	1	− 4
535	Gibraltar	36 6	5 21	16·2	1013·7	1015·7	+ 0·3	301·0	304·1	5th, 13th	292·7	288·0	31st	296·9	−0·5	*296·4*	0	− 4
536	Melilla	35 18	2 59	8	1019·3	1020·2	+ 1·9	306·1	309·2	24th	293·2	291·8	sev. dates	299·6	−1·3	*299·8*	0	− 1
536a		N.	W.															

* Mean of max. and min. or of observations at fixed hours. † Estimates not based on at least six equally-spaced observations each day are in *italics*.

AUGUST—ZONE 5 (Eastern Half).

Table representing the Meteorology of the Globe between Latitude 40° N. and 30° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ N.	° ′ E.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
537	Palma	39 34	2 38	23	1012·6	1015·2	− 2·0	302·9	305·8	1st, 30th	294·4	292·6	19th	298·6	+0·1	..	0	− 18
538	Algiers (Bouzaréah)	36 48	3 2	344	975·2	1014·4	− 1·4	301·8	307·7	25th	293·6	291·4	11th	297·7	+0·4	297·1	0	− 4
539	Tunis	36 48	10 10	33	..	..	..	304·6	313·5	17th	292·2	288·0	8th	298·4	−1·0	*298·1*	0	− 6
539*a*	Malta	35 53	14 30	58·8	..	..	..	304·6	313·5	17th	292·2	288·0	8th	298·4	−1·0	*298·1*	0	+ 5
540	Riposto	37 41	15 14	14·2	..	1014·7	− 1·5	301·8	306·1	19th	295·6	294·3	22nd	298·7	0·0	*298·0*	8	+ 13
541	Athens	37 58	23 43	107	998·9	1011·2	− 0·6	300·9	304·2	18th	294·2	292·4	13th	297·5	−2·3	*296·2*	24	− 10
542	Alexandria	31 12	29 53	32·0	1006·9	1010·6	+ 0·3	303·5	307·1	21st	296·4	292·9	14th	300·0	+0·1	*298·7*	0	0
543	Cairo (Helwan)	29 52	31 20	116	995·8	1008·7	+ 0·1	307·3	312·3	1st	294·4	291·3	13th	300·8	−0·1	300·5	0	0
544	Nicosia (P.W.D.)	35 9	33 22	159	988·3	1006·1	− 0·5	307·8	310·2	8, 17, 31	292·0	290·2	12, 23, 28	299·9	−1·4	..	0	− 2
544*a*	Beirut	33 54	35 28	33·7	..	1007·5	+ 0·9	303·5	305·6	1st	296·3	295·1	14th	299·9	−0·5	..	0	− 1
545	Baghdad	33 21	44 28	38·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
546	Busrah	30 31	47 53	7·6	998·1	999·2	− 1·9	312·2	314·4	10th	297·2	294·2	22nd	304·7	−1·9	..	0	− 0
546*a*	Lenkoran	38 46	48 51	−19·3	1012·2	1010·0	− 1·4	..	307·3	9th	293·7	289·5	20th	..	0·0	*298·2*	10	− 37
547	Teheran	35 41	51 25	1220	..	..	..	..	..	..	..	..	..	..	..	..	..	..
548	Meshed	36 16	59 35	946	..	..	..	308·8	311·6	10th	288·9	284·4	25th	298·9	+2·5	..	0	− 1
549	Seistan	31 0	61 30	?	..	..	..	312·6	314·9	6th	299·9	293·8	27th	306·2	..	..	0	..
550	Quetta	30 11	67 3	1677	827·9	..	+ 0·1	305·9	309·8	2nd	291·4	285·5	28th	298·7	+1·1	*298·4*	34	+ 22
551	Peshawar	34 2	71 37	339	963·9	1001·1	+ 0·5	308·0	313·6	1st	298·5	294·6	17th	303·2	−1·2	*302·7*	270	+ 223
551*a*	Lahore	31 34	74 20	214	977·6	1001·3	+ 1·2	306·8	309·7	16th	299·2	296·4	26th	303·0	−1·3	*302·4*	129	0
552	Simla	31 7	77 8	2205	779·2	..	+ 1·3	292·4	295·2	15th	288·3	286·9	19th	290·3	+0·2	*290·0*	228	− 233
552*a*	Leh	34 10	77 42	3503	666·9	..	+ 1·9	295·4	298·9	29th	282·6	279·6	15th	289·0	−1·4	*287·6*	32	+ 19
559	Hang Kow	30 35	114 17	37·0	1001·7	1005·9	0·0	305·3	309·2	18th	297·1	292·5	20th	301·2	−0·9	*300·9*	146	+ 44
560	Tientsin	39 10	117 10	5·0	1006·5	1007·1	0·0	302·8	306·2	1st	294·5	288·0	28th	298·7	−0·9	*298·3*	289	+ 147
561	Shanghai (Zi-Ka-Wei)	31 12	121 26	7	..	1003·6	− 2·4	304·8	307·4	27th	295·6	291·0	22nd	300·2	−0·7	299·1	173	+ 28
562	Jinsen (Chemulpo)	37 29	126 37	67·6	998·8	1006·6	− 2·1	302·3	305·3	23rd	294·8	291·1	21st	298·5	0·0	297·9	137	− 54
562*a*	Nagasaki	32 44	129 52	133	989·8	1004·9	− 2·9	304·2	306·5	16th	296·6	294·5	31st	300·4	0·0	299·7	219	+ 80
564	Tokio	35 1	135 44	42·9	1001·9	1006·8	− 2·2	305·2	308·3	26th	295·0	291·4	20th	300·1	+0·6	299·7	59	+ 70
565	Kanayama	35 41	139 45	21·3	1005·7	1008·2	− 1·6	302·2	305·0	31st	295·1	292·8	17th	298·6	−0·4	297·9	203	+ 59
566	Miyako	39 38	141 59	30·4	1006·5	1010·0	− 0·6	300·4	305·0	31st	292·1	286·8	16th	296·3	+0·5	295·6	132	− 47

AUGUST—ZONE 6.

Between Latitude 30° N. and 20° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		N.	W.															
605	Honolulu	21 19	157 52	11·6	1016·8	1018·1	+ 2·0	300·6	301·9	..	295·1	293·6	..	297·8	−0·9	*298·1*	28	− 8
606																		
615	Zacatecas	22 47	102 35	2610	..	..	..	..	..	..	..	..	..	..	..	..	..	..
616	Leon	21 7	101 41	1800	..	..	..	..	..	..	..	..	..	..	..	..	..	..
617	Tulancingo	20 5	98 22	2180	..	..	..	..	..	..	..	..	..	..	..	..	..	..
618	Galveston	29 18	94 50	16·5	1014·0	1015·9	+ 1·2	303·8	306·3	20th	298·8	295·2	5th	301·3	+0·0	*301·1*	165	+ 106
618*a*	New Orleans	29 58	90 4	16·2	..	1015·9	+ 0·9	305·3	307·4	27th	297·8	294·7	21st	301·6	+0·6	*300·8*	105	− 20
619	Havana	23 8	82 21	24·3	..	1015·9	+ 0·8	303·6	306·2	17th	297·4	296·0	1st, 9th	300·5	+0·3	*300·3*	124	− 24
620	Key West	24 33	81 48	6·7	1015·2	1015·9	+ 0·5	304·1	305·8	18th	298·1	294·7	31st	301·1	−0·6	*301·2*	62	− 81
621	Nassau, Bahamas	25 5	77 21	3·7	..	..	..	..	..	..	297·8	294·9	22nd	..	−1·3	*299·9*	128	+ 12
622	Watling Island	24 6	74 26	33·5	1013·3	1017·1	+ 2·0	..	303·6	29th, 30th	..	298·0	7th	..	..	*301·0*	113	− 50
633	Izaña	28 19	16 30	2367	773·6	..	..	296·2	299·5	27th	288·0	282·6	16th	292·1	..	291·5	0	− 2
634	La Laguna	28 28	16 20	547	953·9	1015·8	− 1·6	301·0	307·9	13th	288·9	285·4	12th	294·9	−0·1	*294·1*	0	..
636	Colomb-Béchar	31 38	W 2 13	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
637	Timimoun	29 9	E 0 10	?	..	..	..	319·9	323·0	2nd, 3rd	300·3	293·2	23rd	310·1	..	*310·4*	0	..
641	Siwa	29 12	25 29	−23	..	..	..	..	..	..	..	..	..	..	..	..	..	..
642																		
643	Aswan	24 2	32 53	99·6	994·6	1005·5	− 0·8	314·0	318·8	26th	299·6	296·5	14th	306·8	+1·1	*306·5*	..	..
644	Tor	28 13	33 37	1·9	1005·7	1005·9	+ 0·6	306·4	313·6	1st	298·0	292·9	29th	302·2	+0·1	*301·2*	..	..
647	Bushire	28 59	50 53	4·3	997·9	998·5	− 1·1	308·4	310·1	1, 3, 26	303·1	299·6	31st	305·8	+0·3	*305·2*	0	0
648	Jask	25 44	57 47	4·0	999·8	1000·3	− 0·6	307·3	311·6	13th	301·9	296·9	20th	304·6	−0·2	*304·0*	7	+ 7
649	Robat	29 45	60 55	?	..	900·2	..	315·5	317·5	1st	298·9	294·3	28th	307·2	..	..	..	..
649*a*	Karachi	24 53	66 57	4·0	1001·0	1001·4	− 0·4	303·6	308·1	4th, 5th	299·1	296·9	18th	301·3	+0·7	*300·7*	359	+ 319
650	Hyderabad, Sind	25 24	68 18	29·3	996·7	999·9	− 0·2	307·7	311·9	7th	299·7	297·2	22nd	303·4	−0·4	*302·8*	241	+ 180
650*a*	Jacobabad	28 17	68 29	56·7	993·6	999·7	+ 0·7	312·7	318·3	12th	301·9	297·9	22nd	307·3	+0·3	*306·7*	57	+ 32
651	Jaipur	26 56	75 52	436	954·0	1001·9	− 0·1	303·7	307·3	5th	297·3	294·7	11th, 22nd	300·5	−1·3	*299·6*	306	+ 95
652	Nagpur	21 8	79 5	310	968·6	1003·0	− 0·3	303·2	305·9	31st	296·8	295·1	22nd	300·0	−0·1	*299·2*	342	+ 44
653	Allahabad	25 25	81 51	94·1	990·5	1001·0	− 0·1	304·6	308·7	21st, 22nd	298·4	296·6	12th	301·5	−0·5	*300·9*	455	+ 149
653*a*	Darjiling	27 3	88 18	2266	774·3	..	+ 0·4	293·4	295·8	5th	287·5	286·4	15th	290·4	+0·9	*290·1*	473	+ 203
654	Calcutta	22 36	88 23	6·4	1002·0	1002·7	+ 0·7	303·9	306·2	5th	298·8	296·8	27th	301·4	+0·1	*301·2*	481	+ 172
655	Gauhati	26 8	91 41	59·7	998·1	1004·8	+ 0·6	305·3	308·4	14th	298·6	297·8	6 dates	301·9	+0·2	*301·1*	253	+ 13
655*m*	Cherrapunji	25 15	91 42	1314	864·8	..	+ 0·3	295·7	301·3	15th	291·3	289·7	28th	293·5	+0·2	*292·9*	2019	− 135
655*a*	Akyab	20 11	92 56	6·1	1005·1	1005·7	+ 0·4	302·6	304·5	2nd, 20th	294·8	291·1	21st	298·5	0·0	297·9	137	+ 125
656	Mandalay	21 59	96 0	76·2	997·5	1006·0	+ 0·4	307·3	310·9	5th, 6th	297·2	294·7	27th	299·9	−0·3	*300·0*	1223	+ 10
656*a*	Tengyueh	24 59	98 35	1633	831·0	..	..	297·7	301·3	13th, 14th	289·6	286·3	22nd	293·6	+0·2	*292·6*	115	..
657	Phu Lien	20 48	106 37	116	990·7	1003·9	+ 0·1	304·6	307·8	6th	297·2	294·3	16th	299·9	..	*299·2*	166	− 44
658	Moncay	21 31	107 51	9	1003·1	1004·1	+ 0·6	304·9	308·2	20th	297·8	295·6	31st	301·3	−0·2	300·7	221	− 171
659	Hong Kong	22 18	114 10	33·2	..	1004·3	− 0·9	304·4	306·6	5th	298·9	297·2	16th, 22nd	301·7	+0·6	301·1	128	− 229
660	Amoy	24 27	118 4	ca.3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
661	Taihoku, Formosa	25 2	121 31	9·3	1002·9	1003·9	− 1·3	305·5	309·9	8th	296·7	291·9	25th	301·1	−0·3	300·4	385	+ 82
661*a*	Santo Domingo	20 28	121 59	18·7	..	1004·5	− 0·2	303·5	305·6	30th	298·5	297·0	13th	301·0	+0·1	*300·9*	361	− 15
662	Naha	26 13	127 41	10·5	1002·5	1003·7	− 3·3	304·5	306·2	13th	297·9	296·4	29th	301·2	+0·1	300·8	434	+ 173
665	Titizima (Bonin Islands)	27 5	142 11	4·0	1006·5	1006·9	− 1·6	303·1	305·8	12th	297·5	296·0	1st	300·3	−0·2	299·8	256	+ 54
		N. ° ′	E. ° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Estimates not based on at least six equally-spaced observations each day are in *italics*.

AUGUST 1916.

Table representing the Meteorology of the Globe between Latitude 20° N. and 10° N.

AUGUST—ZONE 7.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		N.	W.															
715	Zapotlanejo	19 38	103 37	1529	..	..	..	..	..	..	..	..	..	..	..	..	..	..
716	Morelia	19 42	101 0	1933	..	..	..	..	..	..	..	..	..	..	..	..	..	..
717	Mexico	19 26	99 8	2259	780·3	..	0·0	294·0	296·2	17th	285·3	282·8	31st	289·7	−0·7	289·0	94	− 21
718	Oaxaca	16 12	95 16	56·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
718*a*	Salina Cruz	17 4	96 44	1563	..	..	..	..	..	..	..	..	..	..	..	..	..	..
719	San Salvador	13 42	89 12	684	937·3	1014·1	+ 1·3	297·6	308·4	16th	293·9	289·2	16th	295·7	−0·9	*295·7*	222	− 70
720	Belize	17 29	88 12	5·2	..	..	..	..	303·6	..	..	297·4	..	..	..	..	457	+ 217
721																		
722	Jamaica (Negril Point)	18 15	78 23	10·1	..	1013·5	+ 0·3	303·7	304·7	27th	295·7	293·9	19th	299·7	−0·1	*299·6*	271	+ 99
723	Port au Prince	18 34	72 22	37·4	1009·9	1014·2	+ 0·3	306·9	309·4	11th	296·3	294·5	30th	301·6	+0·1	300·5	62	− 73
723*a*	St. Croix (Christiansted)	10 31	66 56	1010	901·1	..	0·0	297·5	299·6	5th	288·9	286·3	28th	293·2	−0·7	*292·8*	169	+ 61
723*b*	Montserrat	17 45	64 42	6·6	..	..	..	302·6	303·6	3rd	298·6	295·1	23rd	300·6	−0·4	*300·9*	134	+ 23
724	Grenada (Richmond Hill)	12 41	61 45	39·6	1009·6	1014·2	− 0·6	304·3	306·3	4th	297·3	294·7	31st	300·8	..	*300·3*	224	..
725	Barbados	13 8	59 36	55·2	994·3	1012·2	− 0·2	302·8	305·8	28th	296·6	295·2	9th	299·7	+0·3	*299·1*	193	− 46
731	St. Vincent, C. Verde Is.	16 54	25 4	11	1011·5	1012·7	+ 0·2	302·9	303·9	5th	296·1	293·9	21st	299·5	+0·1	*298·9*	337	+ 158
732	San Tiago, C. Verde Is.	14 54	23 31	?40	1008·1	1012·7	− 0·7	300·8	302·8	29th	297·0	295·0	8th	298·9	+0·1	*299·3*	3	− 39
733	Bathurst	13 24	16 36	1·5	..	1012·8	+ 0·8	301·8	303·6	12th	297·8	296·8	3rd, 31st	299·8	+0·3	299·8	217	+ 108
734	M'Carthy Island	13 42	14 46	1·1	..	..	..	302·9	304·7	15th, 18th	296·3	293·6	31st	299·6	+0·4	*299·7*	365	− 134
735	Ségou	13 34	6 17	300	..	..	..	307·2	309·1	1st, 9th	293·2	288·6	8th, 9th	300·2	−0·5	..	245	− 19
736	Timbuctoo	16 43	W 3 1	270	..	..	..	..	..	..	..	..	..	..	..	..	..	..
737	Sokoto	13 2	E 5 14	353	..	..	..	304·4	307·4	12th, 16th	294·3	292·4	7, 26, 27	299·4	+0·2	..	143	− 61
738	Kaduna Junction	10 50	7 25	640	..	..	..	299·2	302·4	15th	292·4	291·3	5, 15, 29	295·8	−0·4	..	258	− 38
740	Katagum	12 17	10 22	30·7	..	..	..	..	..	..	..	..	..	..	..	..	237	+ 39
743	Maiduguri	11 47	13 11	361	..	..	..	303·7	308·0	14th, 27th	294·8	292·4	2nd	299·3	−0·6	..	247	+ 40
743*a*	El Obeid	13 11	30 14	569	945·8	1009·0	− 0·6	306·5	307·5	20th	292·4	289·7	4th	299·4	−0·6	*298·5*	133	+ 18
744	Khartoum	15 37	32 33	390	964·7	1007·7	− 0·1	308·3	313·1	21st	297·7	293·5	9th	303·0	−1·4	*301·9*	57	+ 1
	Port Sudan	19 37	37 13	5·9	1003·9	1004·6	− 0·4	313·8	318·0	10th	302·4	298·2	20th, 31st	308·1	+0·6	*307·1*	0	− 1
745	Berbera, Somaliland	10 22	45 2	10·1	..	1005·8	+ 0·6	313·1	315·8	28th	302·9	298·0	14th	308·0	−0·7	*308·2*	6	+ 5
746	Aden	12 45	45 3	28·7	1001·2	1004·4	− 0·6	304·8	308·6	24th	298·6	296·5	31st	301·7	−1·4	*301·9*	16	+ 13
751	Bombay	18 54	72 49	11·3	1005·0	1006·2	− 0·6	302·2	303·9	31st	298·7	297·4	2nd	300·4	+0·6	*299·9*	496	+ 135
751*a*	Cochin	10 58	76 21	2·7	1009·9	1010·1	− 0·6	302·4	303·3	5th, 14th	296·9	295·3	27th	299·6	+0·4	*299·0*	392	+ 59
752	Kodaikanal	10 14	77 28	2343	769·5	..	0·0	290·8	293·1	26th	284·2	283·4	5th, 15th	287·5	+0·2	*286·8*	217	+ 26
752*a*	Bangalore	12 59	77 38	920	908·0	1008·5	− 0·1	300·0	302·6	31st	291·8	290·4	21st	295·9	−0·2	*294·9*	300	+ 161
753	Madras	13 4	80 14	6·7	1006·4	1007·2	0·0	307·6	310·9	15th	298·6	297·3	9th, 26th	303·1	+0·2	*302·4*	58	− 67
754	Waltair	17 45	83 16	68·9	996·0	1003·7	+ 0·3	304·6	307·1	14th, 15th	298·7	294·4	22nd	301·7	+0·1	*301·1*	102	− 40
755	Port Blair	11 40	92 40	17·7	1006·0	1008·1	− 0·3	302·6	304·3	30th	298·0	295·4	15th	300·3	−0·1	*299·7*	425	+ 49
756	Rangoon	16 46	95 48	5·5	1007·3	1008·0	+ 0·4	302·8	304·7	3 times	297·4	296·3	11th, 27th	300·1	+0·2	*299·2*	348	− 151
757	Saigon	10 47	106 42	11·2	1006·8	1008·0	+ 0·5	304·5	305·8	23rd	296·2	294·7	25th	300·3	−0·3	*299·8*	313	+ 39
758	Nhatrang	12 15	109 12	3·6	1005·6	1006·0	+ 0·6	305·5	307·4	11th	297·2	295·3	23rd	301·3	−0·7	*300·8*	29	− 8
759	Bolinao	16 24	119 53	9·7	..	1007·1	+ 0·6	303·9	306·7	29th	297·1	295·4	20th	300·5	0·0	299·8	637	+ 77
761	Vigan	17 34	120 23	12·2	..	1006·9	+ 0·6	303·9	307·2	27th	295·8	294·4	11th	299·9	−0·3	299·5	1864	+ 1175
761*a*	Manila	14 35	120 59	14·2	..	1008·0	+ 0·6	304·4	306·5	25th	297·0	295·0	22nd	300·7	+0·2	300·2	282	− 79
762	Ormoc	11 0	124 36	5·6	..	1009·0	+ 1·1	304·3	307·0	25th	296·7	294·5	22nd	300·5	+0·6	300·4	135	− 128
765	Guam, Ladrone Is.	13 24	144 38	20·4	..	1009·0	+ 1·7	303·2	304·8	4th	296·9	294·8	11th	300·1	+0·3	*300·5*	318	− 85
		N. ° ′	E. ° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

Between Latitude 10° N. and 0°.

AUGUST—ZONE 8.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		N.	W.															
805	Fanning Island	3 55	159 23	4·3	..	..	..	303·4	305·2	30th	296·7	295·8	7th	300·1	+0·7	*299·6*	212	− 169
821	Colon	9 23	79 23	7·6	..	1011·8	+ 1·5	303·4	..	..	..	..	..	..	..	..	..	..
822	Bogota	4 36	74 6	2645	..	..	..	..	..	..	..	..	..	..	..	..	..	..
822*a*	Merida	8 36	71 10	1641	842·8	..	..	..	..	..	296·7	299·6	2nd	288·1	286·0	28th	292·4	..
824	El Peru, Guayanavieja	7 30	62 0	220	986·1	1011·2	+ 0·1	302·4	303·3	8th	293·8	290·8	1st, 14th	298·1	−0·6	*297·5*	239	..
825	Georgetown, Brit. Guiana	6 50	58 12	1·8	..	1013·8	− 1·4	302·3	303·6	12th, 20th	296·1	295·2	10, 17, 24	299·2	−0·8	*298·9*	383	+ 202
826	Paramaribo	5 49	55 9	3·7	1012·1	1012·5	− 0·9	304·7	306·0	23rd	295·8	293·0	16th	300·3	−0·2	*298·9*	237	+ 69
826*a*	Cayenne	4 56	52 21	6	..	..	..	304·9	305·8	13th	295·3	293·4	15th	300·1	−0·5	*300·1*	200	+ 51
833	Conakry	9 31	13 43	16	1011·5	1013·3	0·0	299·7	303·1	..	295·6	293·2	..	297·7	−0·3	*297·3*	201	+ 131
834	Freetown, Sierra Leone	8 30	13 9	68·3	1005·9	1013·9	+ 0·6	301·4	303·6	28th	295·4	293·6	1st, 28th	298·4	−0·2	*298·0*	1192	+ 82
835	Cape Coast Castle	5 5	1 13	?	..	..	..	..	..	..	293·6	291·9	28th	297·8	..	..	702	− 212
836	Accra	5 12	W 0 12	18	..	..	..	299·7	300·8	6th	294·7	294·1	1st	297·2	+0·3	*296·8*	44	+ 26
837	Lagos	6 27	E 3 24	1·8	1014·3	1014·5	− 0·7	301·4	304·2	..	295·7	294·7	..	298·6	+0·5	*298·2*	32	+ 17
838	Zungeru	9 49	6 10	130	..	..	..	302·5	304·1	6th, 16th	294·3	292·4	26, 29, 31	298·4	−0·3	..	25	− 43
838*a*	Libreville	0 23	9 26	35	1007·7	1011·7	..	304·3	306·5	1st, 16th	294·3	291·0	8th, 19th	299·3	+1·7	*298·7*	212	− 18
839	Yola	9 12	12 30	259	..	..	..	302·5	305·2	9, 15, 28	294·8	293·0	25th	298·7	−0·1	165	8	− 11
841	Wau	7 42	28 3	440	961·0	1009·9	− 0·6	302·3	306·5	31st	293·8	292·5	23rd, 25th	298·0	−0·9	*296·7*	165	− 44
843	Mongalla	5 11	31 47	439	961·4	1010·1	− 0·5	301·8	305·5	5th	293·2	291·5	15th	297·5	−0·9	*296·4*	262	+ 15
843*a*	Malakal (Kodok)	9 35	31 37	394	..	..	..	302·9	305·5	20th	293·7	292·5	sev. dates	298·3	−0·3	*297·1*	299	+ 151
844	Entebbe	0 5	32 29	1171	884·0	..	− 0·7	298·4	299·7	26th	289·4	288·7	2, 24, 28	293·9	+0·2	*293·4*	175	+ 5
845	Harrar	9 42	42 30	1856	..	..	..	296·5	300·0	28th	286·3	285·0	sev. dates	291·4	−0·1	..	115	+ 38
851	Minicoy	8 17	72 49	2·1	1010·9	1011·1	+ 0·2	..	..	..	..	..	..	..	..	..	215	+ 55
852	Colombo Observatory	6 54	79 53	7·3	1008·2	1009·0	+ 0·1	302·4	303·1	17th	297·6	294·8	2nd	300·0	−0·5	*299·4*	32	− 158
853	Nuwara Eliya	6 59	80 47	1886	..	..	..	292·9	295·8	18th, 22nd	285·4	281·4	19th	289·2	+1·0	*288·5*	125	+ 40
854	Trincomalee	8 34	81 14	30·2	1003·1	1006·5	+ 0·4	307·0	308·9	25th	297·6	295·3	21st	302·3	0·0	*301·7*	198	− 4
855	Kota Radja	5 32	95 20	7·1	..	1009·4	− 0·7	..	..	..	..	..	..	..	..	..	64	− 46
856	Medan	3 35	98 41	25·0	..	1009·3	− 0·5	303·7

AUGUST—ZONE 9. Table representing the Meteorology of the Globe between Latitude 0° and 10° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
905	Malden Island	4 2	155 1	7·9	1012·6	1013·5	+ 2·3	304·7	305·8	8th	296·7	295·2	31st	300·7	−1·5	*299·7*	5	− 35
921	Quito	0 10	78 35	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
924	Manaos	3 8	60 1	44·9	1006·8	1011·9	− 1·6	307·2	308·6	12th	296·8	294·6	2nd	302·0	0·0	*300·6*	0	− 40
926	Taperinha	2 30	54 42	20·0	1010·2	1012·5	..	..	..	..	293·9	292·0	3rd	..	..	*298·5*	16	..
927	Turyassu	1 43	45 27	15·0	1011·6	1013·3	+ 0·3	305·2	306·4	26th	294·7	293·3	4th	299·9	−0·4	*298·6*	42	− 27
928	Barra do Corda	5 31	45 16	81·0	1003·4	1012·8	+ 0·5	307·4	308·9	27th	288·4	285·0	12th	297·9	−1·2	*297·1*	1	− 11
929	Quixeramobim	5 16	39 15	207	990·9	1014·5	+ 0·2	304·8	306·3	28th	295·2	293·4	4th	300·0	−0·4	*299·7*	2	− 10
930	Fernando Noronha	3 50	W32 55	95·0	1002·9	1014·0	+ 0·2	298·9	299·9	31st	295·6	294·0	23rd	297·3	..	*296·9*	8	− 26
939	Loanda	8 49	E 13 13	59·3	..	1013·4	− 1·8	295·6	297·7	29th	291·2	290·0	26th	293·4	+0·2	293·0	0	− 1
940	Brazzaville	4 17	15 16	290	978·1	1011·3	..	303·4	306·5	30th	289·1	287·0	24th	296·3	+0·1	*295·4*	25	+ 23
943	Masaka	0 21	31 47	?1280	..	..	..	297·3	300·2	7th, 8th	?288·4	?287·2	17th	?292·8	+0·3	*292·4*	43	− 14
944	Nairobi	1 15	36 44	1800	..	..	..	293·6	298·6	10th	281·9	276·3	4th	287·7	−1·0	..	40	+ 19
944*a*	Zanzibar	6 10	39 11	21·9	1016·3	1018·7	0·0	299·9	301·3	18th	295·4	294·4	30th	297·7	−0·3	*296·6*	54	+ 16
945	Lamu	2 16	40 54	3·1	..	..	..	302·4	303·0	21st	299·1	296·3	1st	300·8	+1·6	*300·5*	59	+ 46
947	Seychelles, Port Office	4 37	55 27	4·6	1012·1	1012·6	0·0	299·5	300·5	19th	297·2	296·1	15th	298·3	−0·3	*297·8*	13	
957	Padang	0 56	100 22	6·7	..	1010·2	− 0·9	304·2	306·3	5th	296·2	294·9	27th	300·2	..	299·4	395	+ 34
958	Batavia	6 11	106 50	8·0	1009·5	1010·4	− 0·1	303·4	305·4	22nd	296·1	294·7	20th	299·8	+0·2	299·3	67	+ 31
958*a*	Pontianak	0 1	109 20	2·6	..	1010·2	+ 0·1	303·3	306·0	6th	296·2	294·7	27th	299·7	..	298·8	422	+ 198
959	Passeroean	7 38	112 55	5·0	..	1010·5	− 0·6	304·2	305·9	10th	293·4	290·6	13th	298·8	+0·2	299·1	10	+ 4
960	Kajoemas	7 56	114 9	1060	..	..	..	298·0	301·8	29th	290·5	288·5	8th	294·3	..	293·5	6	− 9
962	Ambon	3 42	128 10	4·2	..	1010·7	− 0·3	300·9	304·4	22nd	296·2	295·2	19th	298·5	+0·6	298·1	1368	+ 973
963	Manokwari	0 52	134 20	19·0	..	1008·9	0·0	303·4	304·6	14th	296·7	295·5	17th	300·1	..	299·7	157	+ 7
965	Daru	9 4	143 13	7·6	..	1011·8	− 0·5	301·5	..	..	..	..	..	..	..	..	41	− 15
966	Port Moresby	9 29	147 9	39·0	..	1010·1	− 1·9	302·8	..	..	296·7	..	..	299·7	+1·1	*299·3*	1	− 20
967																		
968	Rendova	8 30	157 12	1·8	1011·2	1011·5	+ 1·1	..	..	..	..	..	..	..	..	..	279	− 91
969	Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	..	..	..	..	..	..	..	..	..	..	..	..	233	+ 57
970	Ocean Island	0 52 S.	169 35 E.	25·6	1006·4	1009·4	+ 1·0	304·8	305·8	10th	297·8	296·3	28th	301·3	+0·3	*300·6*	15	− 53

AUGUST—ZONE 10. Between Latitude 10° S. and 20° S.

		S.	W.	2														
1002	Apia, Samoa	13 48	171 46		..	1015·1	+ 3·2	302·2	303·0	28th, 29th	296·1	293·3	21st	299·1	+1·0	299·1	127	+ 29
1003	Alofi, Niue Island	19 2	169 55	36·6	..	..	..	301·7	304·7	14th	290·0	286·3	1st	295·9	..	*295·1*	108	+ 22
1007	Makatea	15 47	148 14	47	1012·1	1017·5	..	301·8	303·0	..	295·1	293·8	..	298·5	..	*298·0*	72	− 6
1021	Arequipa	16 22	71 33	2451	762·6	..	+ 1·1	292·1	296·1	2nd	280·3	278·1	29th	286·2	−0·9	*285·6*	0	0
1022	Puerto de Arica	18 28	70 20	5	..	..	..	288·6	289·4	31st	283·2	282·4	11th	285·9	−1·8	*287·3*	0	
1023																		0
1024	Sucre, Bolivia	19 30	64 24	2848	730·3	..	..	290·8	295·5	26th	278·2	273·6	16th	284·5	−1·9	*284·3*	4	− 34
1025	Corumba	19 0	57 39	116	999·8	1013·2	− 0·7	307·4	312·0	29th, 30th	..	..	..	..	..	*297·3*	0	− 25
1026	Cuyaba	15 36	56 6	165	993·7	1012·5	− 0·1	305·5	307·9	29th	294·9	289·7	16th	300·2	+1·3	*300·1*	0	− 26
1027	Bello Horizonte	19 55	43 55	857	922·4	1019·2	+ 0·5	298·4	301·6	19th	284·9	280·0	6th	291·7	+0·6	*291·5*	0	− 19
1028	Caetite	14 2	42 36	900	918·9	1020·1	+ 1·4	298·5	303·3	28th	286·0	283·6	5th	292·3	−0·9	*292·7*	12	+ 70
1029	Ondina (Bahia)	13 0	38 30	47·0	1012·7	1018·2	+ 0·3	299·9	301·3	27th	293·5	291·9	6th	296·7	−0·2	*296·0*	43	+ 37
1030	Aracaju	10 55	37 3	4·0	1018·2	1018·6	+ 1·0	301·2	302·4	27th	295·1	293·4	9th	298·1	−0·3	*297·7*	28	
1035	St. Helena	15 57	W 5 40	632	946·5	1018·8	− 1·0	291·4	294·7	10th	284·4	282·9	3rd, 5th	287·9	+0·5	*287·6*	44	− 57
1042	Gwelo	19 28	E 29 47	1417	863·9	..	− 1·2	297·3	303·0	17th	..	..	..	..	..	..	0	− 3
1043	Salisbury, Rhodesia	17 48	31 5	1457	859·8	..	− 1·0	297·6	302·4	25th	279·3	276·3	12th	288·4	−0·2	..	0	− 8
1044	Zomba	15 23	35 18	?945	911·6	1017·6	− 0·1	297·3	302·4	17th, 25th	285·2	281·3	13th	291·3	+0·1	*290·8*	1	− 4
1045	Tananarivo	18 55	47 32	1400	867·8	..	− 0·3	294·6	300·3	27th	282·3	279·5	9th	288·5	+0·3	*287·2*	5	−
1046	Sainte-Marie	17 0	49 51	15	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1055	Cocos Keeling Is.	12 5	96 53	4·6	1011·7	1012·2	− 1·2	301·5	304·4	11th	297·3	295·2	13th	299·4	+0·5	*299·0*	359	+ 213
1056																		− 7
1057	Christmas Island	10 25	105 43	5·5	1009·2	1009·8	−0·7	303·7	305·2	..	296·2	294·7	..	299·9	+0·5	*299·4*	55	
1058																		
1061	Koepang	10 10	123 34	45·1	..	1011·4	− 0·6	305·2	307·8	25th	294·7	292·1	3rd	299·9	..	299·4	25	+ 23
1061*a*	Derby	17 18	123 40	16·2	1012·4	1014·4	− 0·2	305·4	310·8	28th	290·1	284·3	19th	297·8	+1·2	..	0	− 3
1062	Hall's Creek	18 13	127 46	374	972·8	1014·5	− 1·0	305·3	310·8	28th	285·3	279·0	8th	295·3	+1·6	..	1	− 2
1063	Port Darwin	12 28	130 51	29·6	1008·9	1012·3	− 0·1	306·3	308·7	28th	295·4	290·3	3rd	300·8	+1·4	*299·6*	0	− 10
1064	Daly Waters	16 16	133 23	211	988·5	1012·2	− 1·8	306·1	310·2	29th	288·2	279·7	2nd, 3rd	297·2	+1·4	*296·5*	14	+ 4
1065	Mein	13 13	142 47	122	998·0	1011·8	− 0·8	303·3	305·2	29th	292·3	286·3	12th	297·8	+0·9	*297·1*	5	+ 4
1066	Georgetown, Queensland	18 22	143 32	302	981·1	1015·2	− 0·6	303·1	307·1	29th	287·8	279·6	4th	295·4	+1·1	..	9	
1067	Samarai	10 37	150 40	15·2	..	..	..	300·4	..	..	296·5	..	..	298·5	+0·7	*298·2*	311	+ 60
1072	Suva, Fiji	18 8 S.	178 26 E.	16·8	1015·2	1017·2	+ 1·4	300·0	303·6	3rd	294·3	292·4	1st, 21st	297·1	+0·9	*296·7*	520	+ 311
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Estimates not based on at least six equally-spaced observations each day are in *italics*.

AUGUST—ZONE 11. Table representing the Meteorology of the Globe between Latitude 20° S. and 30° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1105	Rarotonga (Avarua)	21 12	159 47	6	..	..	..	298·9	300·2	17th	293·1	286·9	10th	296·0	+1·8	*295·6*	36	− 77
1121	Punta Tortuga, Coquimbo	29 56	71 21	27	1017·9	1021·1	+ 3·4	287·6	290·0	31st	281·0	279·0	sev. dates	284·3	−0·4	*284·6*	0	− 13
1122	Iquique	20 12	70 11	9	1018·2	1019·3	+ 2·7	289·8	290·6	7th	283·4	281·0	17th	286·6	−1·9	*287·2*	0	0
1123	Catamarca	28 27	65 47	529	..	1016·6	+ 2·8	296·7	302·7	23rd	282·6	276·5	2nd, 3rd	289·7	+0·2	*288·7*	0	− 3
1124	Salta	24 46	65 28	1178	884·9	1015·9	+ 1·6	294·9	304·6	23rd	283·4	270·5	2nd	289·1	+0·2	*286·7*	1	− 2
1125	Goya	29 9	59 15	38	..	1018·7	+ 2·1	294·0	301·8	23rd	282·2	275·7	1st	288·1	−1·0	*287·2*	40	+ 5
1126	Asuncion?	25 21	57 37	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1127	Curityba	25 25	49 17	908	916·5	1020·6	+ 0·2	291·8	298·7	18th	281·0	272·2	2nd	286·4	−0·6	*285·6*	128	+ 35
1128	Rio de Janeiro	22 54	W43 10	61·4	1012·5	1019·8	+ 0·9	296·4	304·5	31st	291·2	287·9	7th	293·8	+0·1	293·7	35	− 13
1139	Windhoek	22 34	E 17 6	1665	..	..	..	293·6	298·7	21st	282·0	276·6	8th	287·8	−1·3	*287·7*	0	− 2
1140																		
1141	Kimberley	28 42	24 47	1202	886·7	..	+ 0·3	293·4	299·7	23rd, 31st	275·1	270·2	15th, 26th	284·3	−1·5	283·7	0	− 7
1142*a*	Johannesburg	26 11	28 4	1806	825·0	..	− 1·7	290·9	294·9	31st	277·9	271·6	26th	284·4	−0·8	*284·0*	0	− 9
1143	Pretoria	25 45	28 12	1338	874·4	..	..	293·9	298·0	22nd	278·0	271·4	26th	286·0	−4·0	..	0	− 42
1144	Durban	29 52	31 3	15·2	1018·9	1020·7	..	295·5	298·6	1st, 7th	285·6	281·9	26th	290·6	−0·1	*290·0*	35	− 4
1147	Lorenzo Marques	25 58	32 36	59·5	..	1021·5	+ 0·4	299·0	309·6	24th	286·3	283·1	19th	292·7	−0·1	292·2	4	− 12
1159	Mauritius	20 6	57 33	55·2	1013·1	1019·7	− 0·8	297·0	298·8	19th	289·4	285·3	12th	293·2	−0·2	292·8	28	− 32
1160	Onslow	21 43	114 57	4·3	1014·3	1014·8	− 1·4	300·7	304·4	10th	285·4	279·8	19th	293·1	+1·0	..	0	− 9
1161	Peak Hill	25 38	118 47	588	948·9	1016·1	− 1·3	294·7	303·5	9th	282·8	277·4	18th	288·7	+0·6	..	2	− 11
1162	Nullagine	21 53	120 5	386	971·8	1015·2	− 1·5	301·5	305·4	11th	283·8	276·9	20th	292·7	+1·8	..	0	− 10
1163	Laverton	28 40	122 23	466	963·7	1017·4	− 2·1	293·2	299·8	24th, 31st	280·0	274·1	18th, 22nd	286·6	+0·5	..	6	− 10
1164	Alice Springs	23 38	133 37	587	950·1	1016·4	− 1·4	297·3	305·8	27th	281·4	274·7	5th	289·4	+1·7	*289·2*	1	− 9
1164*a*	William Creek	28 55	136 21	76·2	1009·0	1018·0	− 1·6	293·6	301·6	26th	280·9	276·9	8th	287·2	+0·6	*287·0*	5	− 2
1165	Boulia	22 55	139 38	146	999·5	1016·6	− 0·1	299·4	310·4	28th	283·2	278·2	1st	291·3	+1·1	..	11	+ 4
1166	Thargomindah	27 58	143 43	123	1003·6	1018·2	..	292·1	300·2	27th, 28th	281·6	277·4	6th	286·8	..	..	8	..
1167	Mitchell	26 32	147 52	336	..	..	..	293·3	300·8	28th	278·5	271·9	31st	285·9	+0·2	..	41	+ 16
1168	Rockhampton	23 24	150 30	11·3	1016·9	1018·2	− 0·7	296·7	302·7	29th	285·0	278·9	6th	290·9	−0·2	*290·1*	52	+ 27
1169	Brisbane	27 28	153 2	11·6	1018·1	1019·5	+ 0·5	294·0	298·6	28th	283·2	278·8	7th	288·6	−0·3	*287·9*	44	− 12
1170	Onitchambo	21 52	166 3	38	1012·8	1017·3	..	299·4	302·5	31st	284·8	281·0	29th	292·1	..	..	53	− 20
1170	Norfolk Island	29 5 S.	167 53 E.	15·2	1016·5	1018·0	− 0·3	291·9	294·3	30th	286·9	282·7	19th	289·4	+0·5	*289·0*	199	+ 55

AUGUST—ZONE 12. Between Latitude 30° S. and 40° S.

		S.	W.															
1221	Juan Fernandez	33 37	78 50	10	..	..	..	287·4	290·8	1st	283·2	279·7	24th	285·3	−0·1	*285·5*	67	− 28
1221*a*	Punta Tumbes	36 37	73 6	91	1010·3	1021·5	+ 2·3	286·2	288·2	2nd	279·3	275·5	2nd	282·7	−0·8	*282·6*	66	+ 2
1222	Punta Angeles, Valparaiso	33 1	71 38	41	1016·8	1021·6	+ 3·0	287·9	294·6	31st	280·6	278·2	16th	284·3	−1·5	*283·9*	17	− 52
1222*a*	Santiago	33 27	70 42	520	959·8	1021·6	+ 2·8	289·2	296·3	21st	276·6	271·8	31st	282·9	−0·1	*281·8*	33	− 25
1223	Cordoba	31 25	64 12	423	968·3	1018·4	+ 1·6	294·6	301·1	..	277·3	271·1	..	285·9	+0·4	285·4	0	− 13
1224	Bahia Blanca	38 45	62 15	25	..	1018·8	+ 1·8	287·5	295·0	2nd	277·8	270·8	25th	282·7	−0·3	282·3	40	+ 15
1225	Buenos Ayres	34 46	58 22	25	..	1019·5	+ 1·0	289·4	295·3	20th	278·6	274·5	1st, 18th	284·0	−0·3	283·9	5	− 56
1226	Montevideo (Prado)	34 53	56 12	24·9	1017·0	1018·8	+ 0·3	..	..	..	..	273·0	..	..	−0·1	283·5	25	− 53
1226*a*	Rio Grande	32 2	W52 9	2	1018·3	1018·5	+ 2·1	288·1	294·3	29th	282·7	278·5	10th	285·4	−2·2	*285·4*	144	+ 34
1239	Cape Town	33 56	E 18 29	11·3	..	1019·6	− 0·9	290·4	296·4	5th	281·9	277·3	14th	286·1	+0·2	*284·7*	130	+ 43
1240	Danger Point	34 37	19 18	19·5	..	..	..	289·5	294·1	8th, 10th	283·0	278·6	16th, 26th	286·2	..	..	86	..
1241	Heidelberg	34 5	20 58	30·5	..	..	..	293·8	303·6	5th, 6th	278·4	271·9	16th, 27th	286·1	..	..	26	− 10
1242	East London	33 2	27 53	9·8	1017·7	1018·9	− 1·0	294·2	304·7	1st	283·5	280·2	17th, 27th	288·9	+0·2	..	22	− 36
1259	Perth (Observatory)	31 57	115 50	60·0	1009·5	1016·7	− 2·1	289·6	292·3	8th	282·2	277·4	28th	285·9	−0·4	..	157	+ 13
1260	Katanning	33 42	117 35	310	978·2	1015·1	− 2·9	287·7	291·3	8th	278·2	274·2	12th, 13th	282·9	−0·5	..	70	+ 7
1261	Coolgardie	30 57	121 10	423	967·3	1016·7	− 2·3	291·1	301·6	31st	279·0	274·7	19th	285·1	+0·1	..	8	− 18
1262	Eucla	31 45	128 58	4·6	1015·1	1015·7	− 2·3	291·4	299·7	24th	280·0	274·1	11th	285·7	−0·8	..	40	+ 16
1263	Streaky Bay	32 48	134 13	13·1	1015·8	1017·5	− 1·9	289·9	295·4	11th	281·9	278·0	8th	285·9	+0·2	..	45	− 4
1264	Adelaide	34 56	138 35	42·7	1011·5	1016·6	− 2·6	288·6	294·7	26th	280·9	277·1	10th	284·8	−0·4	*284·7*	101	+ 37
1265	Melbourne	37 49	144 58	35·1	1011·4	1015·7	− 2·4	287·2	292·2	26th	279·0	273·5	1st	283·1	−0·5	282·6	57	+ 11
1266	Bourke	30 13	145 58	110	1007·5	1020·7	+ 1·5	291·9	298·6	14th	279·7	275·2	17th	285·8	−0·9	..	15	− 7
1267	Sydney	33 52	151 12	44·5	1011·3	1016·7	− 1·5	289·9	295·3	27th	282·2	278·7	7th	286·1	+0·3	..	70	− 8
1268	Lord Howe Island	31 32	159 4	4·6	1017·0	1017·6	..	291·9	294·4	20th	285·7	281·6	10th, 25th	288·8	..	..	126	− 7
1271	Auckland	36 50	174 50	38·1	..	1012·8	..	287·7	290·2	28th	281·9	279·1	2nd	284·8	+0·6	..	244	+ 136
1272	Napier	39 32 S.	176 53 E.	21·3	..	1011·4	− 3·2	287·4	292·2	30th	279·1	275·5	25th	283·3	+0·3	..	210	+ 123

AUGUST—ZONE 13. Between Latitude 40° S. and 50° S.

		S.	W.															
1301	Chatham Island	43 52	170 42	104	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1321	Isla Huafo	43 34	74 45	140	999·4	1016·6	+ 1·8	281·4	283·0	26th	278·1	276·8	26th	279·7	−0·6	*280·3*	86	− 62
1322	Punta Galera	40 1	73 44	40	1015·0	1019·9	+ 2·7	283·6	285·5	26th	279·4	277·0	30th	281·5	−0·4	*281·8*	226	− 43
1323	Sarmiento	45 30	69 0	274	..	1012·8	..	284·2	288·1	1st	273·8	264·5	10th	279·0	+0·3	278·5	0	..
1324	Punta Madryn	42 49	W64 58	14	..	1016·6	..	286·5	294·6	22nd	275·8	271·5	11th	281·1	−0·7	280·7	29	+ 21
1365	Launceston	41 27	E147 10	10·1	1010·6	1011·8	− 2·7	285·9	288·7	18th	276·6	270·8	17th	281·2	−0·1	..	130	+ 60
1366	Hobart	42 53	147 20	53·9	1003·8	1010·5	− 3·0	285·6	290·8	26th	278·4	273·7	7th	282·0	+0·1	*281·5*	74	+ 27
1370	Invercargill	46 25	168 21	5·5	..	..	..	283·5	290·2	28th	274·4	269·7	2nd, 6th	278·9	−0·8	..	72	− 14
1371	Dunedin	45 52	170 31	91·4	..	1009·2	− 3·5	283·4	290·2	26th	277·0	272·4	1st	280·2	+1·0	..	101	+ 23
1371*a*	Christchurch	43 32	172 38	7·6	..	1010·7	− 3·6	284·1	289·8	30th	276·0	270·6	23rd	280·0	+0·1	..	67	+ 14
1372	Wellington	41 16 S.	174 46 E.	2·4	..	1011·9	− 2·1	285·6	288·1	31st	279·4	274·7	26th	282·5	+0·3	..	110	− 3
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Estimates not based on at least six equally-spaced observations each day are in *italics*.

AUGUST—ZONE 14. Table representing the Meteorology of the Globe between Latitude 50° S. and 60° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1421	Islota de los Evangelistas	52 24	75 6	55	997·9	1004·7	+ 1·7	279·8	282·9	25th	276·3	273·0	26th	278·1	+0·8	*278·0*	150	− 54
1422	Puerto de Punta Arenas	53 10	70 54	4	1005·2	1005·7	+ 2·5	279·3	282·5	5th, 19th	273·3	268·5	11th	276·3	+1·0	*276·5*	22	+ 36
1423	Punta Dungeness	52 24	68 26	5	1005·2	1005·8	+ 2·7	280·1	283·0	29th	276·6	272·0	2nd, 24th	278·3	+1·0	*277·0*	22	+ 4
1424	Santa Cruz	52 22	68 21	12	..	1008·8	+ 0·4	282·8	288·0	2nd	273·1	269·2	28th	277·9	+1·2	277·6	12	− 1
1424*a*	Año Nuevo	54 39	64 9	50	998·3	1002·5	..	278·4	280·5	20th	275·1	273·3	18th	276·7	..	276·7	26	..
1425	Stanley, Falkland Is.	51 41	57 51	4	..	..	..	..	..	..	..	..	..	..	..	..	37	− 8
1426	Cape Pembroke	51 41	57 42	21	..	1008·7	+ 4·9	279·2	281·3	11th, 24th	274·1	272·4	8th, 21st	276·6	+0·8	276·8	..	..
1429	S. Georgia(CumberlandBay)	54 14 S.	36 33 W.	4	1006·7	1007·2	+ 7·1	273·8	280·0	6th	267·9	265·3	27th	270·9	−0·3	*270·8*	145	+ 22

AUGUST—ZONE 15. Between Latitude 60° S. and 70° S.

1527	South Orkneys	60 44 S.	44 39 W.	6·1	..	1003·7	+ 8·5	..	276·0	..	..	249·0	..	..	+1·3	265·4	21	− 12
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Estimates not based on at least six equally-spaced observations each day are in *italics*.

DAILY OBSERVATIONS OF WIND WITHIN THE TROPICS.—AUGUST 1916.

Date.	St. Helena. 1035. Direction.	St. Helena. 1035. *Mean Velocity for the Day.	Fanning Island. 805. Direction and Force.		Sierra Leone. 834. Direction and Force.		Entebbe. 844. Direction and Force.		Malden Island. 905. Direction and Force.	Tulagi. 969. Direction and Force.	Ocean Island. 970. Direction and Force.		Suva, Fiji. 1072. Direction and Force.	
	9h.	m/s	9h.	21h.	9h.	17h.	9h.	21h.	9h.	9h.	9h.	21h.	9h.	
1	SE	8·8	..	..	Calm 0	W 1	SW 2	Calm 0	E 2	..	E 5	E 3	E	2
2	SE	6·4	..	..	E 1	Calm 0	Calm 0	W 2	E 2	..	SE 5	SE 2	Calm	2
3	SE	2·8	..	..	SW 1	Calm 0	Calm 0	SW 2	E 3	..	SE 5	SE 5	SE	1
4	Calm	1·9	..	..	W 1	Calm 0	Calm 0	SW 3	E 2	..	ESE 6	SE 4	NE	2
5	Calm	2·9	..	..	Calm 0	Calm 0	Calm 0	SW 2	ENE 2	..	SE 5	SE 3	NE	2
6	SSE	6·2	..	..	W 1	W 2	W 2	W 2	E 2	..	SE 4	SE 5	SE	4
7	SE	5·9	..	..	W 2	W 1	W 3	W 2	ESE 2	..	ESE 4	SE 3	SE	4
8	SE	5·0	..	..	SW 1	Calm 0	W 2	W 4	E 2	..	ESE 5	ESE 5	SE	3
9	ESE	2·3	..	..	E 1	Calm 0	W 2	W 2	ESE 3	..	SE 5	ESE 3	SE	4
10	Calm	2·1	..	..	Calm 0	Calm 0	SW 2	W 3	E 3	..	ESE 4	ESE 3	SE	2
11	SSE	7·0	..	..	Calm 0	Calm 0	W 3	W 2	E 3	..	ESE 5	ESE 3	E	0
12	SSE	8·3	..	..	W 2	W 2	W 5	W 2	E 3	..	ESE 4	SE 3	Calm	0
13	SSE	6·9	..	..	Calm 0	Calm 0	W 3	W 3	E 3	..	SE 4	SE 4	Calm	3
14	ESE	4·6	..	..	Calm 0	W 1	W 2	SW 2	ESE 3	..	SE 4	SE 4	SW	2
15	SE	1·7	..	..	W 2	W 2	Calm 0	SW 2	E 3	..	ESE 5	ESE 5	SE	4
16	Calm	2·1	..	..	Calm 0	W 3	SW 2	S 2	E 2	..	E 5	E 4	NE	3
17	SSE	9·8	..	..	Calm 0	Calm 0	SW 2	SW 2	E 2	..	E 6	E 6	SE	1
18	SSE	8·8	..	..	W 1	W 2	E 6	SW 2	E 2	..	ESE 5	ESE 4	NE	3
19	SSE	10·5	..	..	SW 1	Calm 0	W 5	S 3	ESE 2	..	ESE 4	ESE 5	SE	3
20	SE	10·2	..	..	SW 1	Calm 0	W 3	SW 3	E 2	..	E 6	E 5	SE	2
21	SE	—	..	..	SW 1	SW 1	W 2	W 2	E 2	..	ESE 5	SE 4	SE	1
22	SE	—	..	..	SW 1	SW 1	W 3	SW 3	ESE 2	..	SSE 6	SE 5	SW	1
23	SSE	9·9	..	..	W 1	Calm 0	SW 2	SW 2	E 3	..	SE 5	ESE 4	SE	2
24	SE	3·9	..	..	Calm 0	W 2	SW 2	SW 3	E 3	..	ESE 4	ESE 4	SE	3
25	SE	8·0	..	..	W 2	W 2	Calm 0	SW 2	E 2	..	ESE 5	E 5	NE	3
26	SE	8·3	..	..	Calm 0	W 1	W 2	W 2	E 2	..	E 4	E 6	NE	1
27	SSE	8·9	..	..	SW 1	Calm 0	SW 2	SW 2	ESE 2	..	SE 6	ESE 5	SE	1
28	SE	10·4	..	..	SW 1	SW 1	W 5	SW 2	E 3	..	ESE 4	ESE 5	SW	0
29	SE	6·2	..	..	SW 1	SW 1	W 2	SW 3	ESE 3	..	E 5	E 4	Calm	2
30	SE	2·9	..	..	SW 2	Calm 0	W 2	W 2	ESE 3	..	E 5	E 4	SE	2
31	SSE	8·1	..	..	SE 1	E 1	N 2	SW 2	E 2	..	E 6	E 6	SE	2
Mean	..	6·2	..	..	0·8	0·8	2·2	2·3	2·4	..	4·9	4·2		2·1
†Resultant	140° (81)	..	..		295° (44)		250° (70)		95° (97)	..	115° (89)		120° (57)	
†Normal	141° (89)	8·1	124° (79)		259° (43)		250° (21)		93° (88)	135° (82)	105° (61)		103° (51)	

* Velocity of the South-East Trade Wind at 632 metres.
† Direction and "constancy." For explanation see Introduction.

STATE OF ICE IN THE ARCTIC SEAS AND IN THE NORTH ATLANTIC.—AUGUST 1916.

* *Kara Sea.*—The ice covered an area of 232×10^3 sq. km., compared with a normal of 137×10^3 sq. km.
* *Barents Sea.*—No reports were received from the eastern part. In the western part the edge, which reached to the SE coast of Spitsbergen, was very scattered and offered no hindrance to navigation; a sealer reached as far N as King Charles Land, where she met the heavy unbroken Polar Ice. A number of bergs were seen in the southernmost part of the edge. The ice covered an area of 337×10^3 sq. km., compared with a normal of 320×10^3 sq. km.
* *Spitsbergen.*—An ice belt, about 14 miles broad, extended from Bear Is. along the west coast to Prince Charles Foreland, passing about 30 miles from South Cape. This belt corresponds roughly to the maximum limit as shown by observations in 1898–1913. Drift ice was seen in Icefiord, Bell Sound and Green Harbour.
* *Greenland Sea, Iceland and Denmark Strait.*—The coasts of Iceland and Grimsey were free of ice, the normal duration being 1 day. During the first days of the month a little scattered ice was seen at Cape Dan and off Angmagsalik, but after the 9th this part of the coast was completely free. The ice covered an area of 770×10^3 sq. km., compared with a normal of 551×10^3 sq. km.
North Atlantic and Labrador.—Only a few bergs were met with on the Newfoundland Banks, a few were also seen round Belle Isle but the Strait was free.
* *Davis Strait.*—The ice was close round C. Farewell until the 29th, but except for a little ice near Julianehaab the west coast of Greenland was free all the month.
* *Melville Bay.*—The ice here was very heavy and close after the first week, and two vessels which left Upernivik early in the month were icebound in the Bay.

* *Isforholdene i de arktiske Have*, 1916, published by the Danish Meteorological Institute.

RÉSEAU MONDIAL, SEPTEMBER 1916.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF SEPTEMBER 1916 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE.

SEPTEMBER—ZONE 1. Between Latitude 80° N. and 70° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
123	Inglefield Bay	77 20	67 30	?	1008·8	..	+ 1·8	..	..	..	..	..	..	..	..	*272·1*	23	..
124	Upernivik	72 47	W56 7	18·9	1009·9	1012·2	+ 3·8	277·2	283·8	30th	271·3	268·0	23rd	274·3	+0·5	*274·3*	51	+ 25
125	Spitsbergen(GreenHarbour)	78 2	E 14 14	11·4	1002·8	1004·2	− 5·4	..	280·7	2nd	271·0	265·2	30th	..	+0·6	272·9	20	+ 1
126	Gjesvaer	71 6	25 22	6·5	1001·9	1002·7	− 5·2	..	288·2	2nd	277·8	273·6	22nd	..	−0·1	*279·4*	140	+ 71
139	Mehavn	71 1	27 47	6·4	1002·2	1003·0	− 6·2	..	287·9	2nd	277·0	273·3	23rd	..	0·0	*279·4*	106	+ 23
140	Vardö	70 22	31 8	10·0	1002·0	1003·2	− 5·6	..	284·2	6th	277·0	273·9	24th	..	−0·3	*278·9*	96	+ 42
141	Malye Karmakouly	72 23	52 43	14·8	1003·1	1004·9	− 4·1	..	280·5	7th	..	..	..	..	+1·1	*275·8*	31	− 9
142	Waigatz	70 24	58 47	11·2	1005·8	1007·2	− 1·2	276·4	284·7	22nd	272·3	266·7	29th	274·4	..	*273·7*	26	..
143		N.	E.															

SEPTEMBER—ZONE 2. Between Latitude 70° N. and 60° N.

203	Nome	64 31	165 24	4·6	1004·0	1004·6	− 2·5	282·6	285·2	..	276·2	271·9	..	279·4	+1·2	..	80	+ 29
204	Candle	65 55	161 57	2·4	..	..	..	282·1	288·6	5th	274·9	268·6	10th, 26th	278·5	..	..	40	..
205	Tanana	65 8	152 0	73·8	998·3	1007·3	− 1·8	284·3	291·9	..	273·4	265·2	..	278·9	+1·8	..	49	+ 14
206	Rampart	65 30	150 15	122	..	..	..	284·8	295·2	3rd	274·7	267·4	12th	279·8	..	..	40	+ 6
207	Valdez	61 7	146 16	8·2	1009·6	1010·6	+ 0·6	283·2	288·0	..	276·7	271·9	..	279·9	−0·8	..	284	+ 72
208	Eagle	64 46	141 12	248	975·7	1005·6	− 1·8	284·8	296·3	..	273·9	266·9	..	279·3	+1·3	..	47	+ 16
209	Dawson	64 4	139 20	328	967·8	1007·1	− 4·7	285·2	295·2	1, 2, 3	274·7	269·7	27th	279·9	+1·1	..	45	− 3
210	Carcross	60 11	134 34	662	..	..	..	286·5	298·0	1st	275·7	268·6	30th	281·1	+0·7	..	6	− 19
211	Fort Good Hope	66 15	128 53	65·2	1002·0	1010·1	..	284·2	291·9	1st, 17th	273·8	264·1	30th	279·0	..	..	42	..
212	Fort Simpson	61 52	121 35	129	992·2	1007·4	..	287·4	298·0	17th	276·3	269·7	27th	281·9	+2·5	*282·3*	7	− 31
213	Hay River	60 51	115 20	161	988·1	1007·4	..	286·3	295·2	16th	276·9	270·8	14th	281·6	+1·1	..	22	..
214		N.	W.															
225	Jacobshavn	69 13	51 2	12·6	1010·0	1011·5	+ 3·3	279·8	284·5	5th	274·3	272·9	11, 17, 22	277·1	+2·5	*277·3*	36	+ 1
226	Godthaab	64 11	51 44	9·0	1007·6	1008·7	+ 2·9	281·8	285·2	4th	275·7	271·4	12th	278·7	+2·4	*278·6*	21	− 62
227	Ivigtut	61 12	48 10	5·0	1009·0	1009·6	+ 4·6	..	..	..	276·2	272·5	25th	..	+1·9	*280·0*	135	− 20
229	Angmagsalik	65 37	37 34	31·7	1007·1	1011·0	+ 3·5	282·7	289·4	14th	273·1	270·4	26th	277·9	+1·0	*277·6*	36	− 79
231	Stykkisholm	65 5	22 46	11·3	1010·2	1011·6	+ 5·8	283·6	287·5	15th	278·4	275·7	2nd	281·0	+1·2	*281·0*	47	− 22
232	Vestmanno	63 26	20 15	7·7	1009·8	1010·7	+ 4·4	283·7	286·0	7th	278·7	275·0	18th	281·2	+0·1	*281·3*	130	− 15
233	Grimsey	66 33	17 58	22·0	..	..	..	282·5	286·8	26th	277·2	274·0	13th	279·9	+1·1	*279·8*	27	− 7
233*a*	Akureyri	65 40	18 4	6·8	1010·0	1010·8	+ 3·8	..	..	..	..	..	..	..	..	..	..	..
234	Berufjord	64 40	14 19	18·0	1008·4	1010·6	+ 3·4	283·2	288·2	5th	276·5	271·9	29th, 30th	279·9	+0·2	*280·1*	70	− 55
235	Thorshavn	62 3	6 45	25·7	1010·2	1013·3	+ 3·0	284·3	287·8	7th	279·7	272·9	30th	282·0	−0·1	*281·9*	155	+ 36
236	Lerwick	60 9 W	1 8	18·0	1013·1	1015·2	+ 3·8	285·2	289·1	8th	281·2	277·4	14, 16, 21	283·2	−0·1	*283·0*	57	− 19
237	Bergen (Met. Obs.)	60 24	E 5 19	44·4	1009·0	1014·4	+ 2·9	..	293·2	5th	280·5	275·7	22nd	..	−1·3	*283·0*	124	− 70
238	Christiansund	63 7	7 45	17·8	1010·4	1012·5	+ 2·2	..	290·3	1st	280·1	275·5	30th	..	−1·2	*282·4*	152	+ 19
239	Trondhjem	63 26	10 25	39·5	1007·9	1012·7	+ 2·3	..	295·7	1st	278·2	272·2	27th	..	−1·6	*281·1*	95	+ 8
240	Bodö	67 17	14 24	22·4	1006·0	1008·7	− 0·4	..	290·0	1st	278·4	272·2	30th	..	−1·1	*280·7*	141	+ 26
241	Haparanda	65 50	24 9	9·2	1006·8	1007·9	− 2·5	283·4	290·0	6th, 7th	275·3	267·0	30th	279·3	−1·3	*279·3*	29	− 26
242	Helsingfors	60 10	24 57	12·0	1010·7	1012·2	− 0·6	284·8	289·1	10th	278·1	271·7	30th	281·4	−1·8	281·8	39	− 23
242*a*	Kuopio	62 54	27 40	90·3	998·3	1009·4	− 3·2	284·3	289·6	6th	276·7	268·7	30th	280·5	−1·4	*280·4*	59	− 2
243	Kola	68 53	33 1	6·7	1004·3	1005·1	− 4·6	281·2	289·0	6th	273·7	266·4	5th	277·4	−1·5	*277·6*	54	+ 18
244	Petrozavodsk	61 47	34 23	38·9	1005·2	1009·9	− 3·2	..	288·3	7th	..	..	..	..	−1·4	*280·7*	87	+ 25
245	Arkhangelsk	64 35	40 36	5·8	1007·5	1008·2	− 3·4	282·2	287·3	7th	276·0	271·9	4th	279·1	−2·0	*279·0*	65	+ 10
246	Mezen	65 50	44 16	12·6	1006·0	1007·5	− 2·8	281·2	286·9	7th	273·7	268·9	28th	277·4	−1·6	*277·3*	68	+ 23
247	Oust-Tsylma	65 25	52 14	? 70	1000·7	1009·4	− 2·5	280·1	286·3	15th	274·4	270·6	28th	277·2	−2·6	*276·9*	86	..
248	Tcherdyn	60 24	56 31	?177	989·6	1011·2	− 1·4	283·0	291·7	15th	277·0	270·5	29th	280·0	−1·4	*279·6*	93	+ 23
249	Berezov	63 56	65 4	39·9	1006·4	1011·4	− 0·2	..	289·2	7th	275·8	269·0	30th	..	+0·5	*279·2*	63	+ 23
250	Obdorsk	66 31	66 35	23·7	1007·4	1010·3	− 0·3	..	286·7	19th	275·2	269·2	30th	..	−0·2	*277·7*	57	+ 20
251	Sourgout	61 15	73 24	? 40	1008·0	1012·8	+ 0·4	..	296·1	18th	277·7	267·0	23rd	..	+1·7	*282·4*	30	− 18
252																		
253	Doudinka	69 23	86 4	20	1009·9	1012·3	+ 2·9	..	291·6	4th	276·8	271·2	29th	..	..	*279·8*	68	..
254	Touroukhansk	65 47	87 57	45	1010·3	1015·8	+ 3·5	..	292·6	5th	277·5	271·0	24th	..	+4·3	*282·0*	79	+ 24
261	Olekminsk	60 22	120 26	155	997·8	1017·0	+ 2·2	..	287·2	17th	272·3	264·9	22nd	..	−2·9	*277·1*	27	− 1
263	Iakoutsk	62 1	129 43	108	1000·6	1014·0	− 0·2	..	287·9	8th	271·7	264·0	27th	..	−1·9	*276·8*	5	− 22
264	Verkoïansk	67 33	133 23	100	999·8	1012·3	+ 3·1	..	285·1	18th	269·4	256·7	27th	..	−1·0	*274·2*	4	− 10
271	Oust-Maïskoe	60 25	134 29	?100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
272	Markovo-sur-Anadyr	64 45	170 50	25·0	1007·1	1010·2	− 1·8	279·1	286·7	1st	271·9	260·4	23rd	275·5	−0·4	..	14	− 14
	Novo-Mariinskii Post	64 45	177 33	5·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		° ′	E. °	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Estimates not based on at least six equally-spaced observations each day are in *italics*.

SEPTEMBER—ZONE 3.

Table representing the Meteorology of the Globe between Latitude 60° N. and 50° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
303	Dutch Harbor	53 54	166 32	4·0	..	..	..	284·2	289·7	..	278·3	270·8	..	281·2	−0·5	..	80	− 74
304																		
305	Kodiak	57 47	152 22	1·8	1006·9	1007·1	+ 0·3	286·2	290·8	..	282·6	279·7	..	284·4	..	..	83	− 44
306																		
309	Sitka	57 4	135 20	27·4	1010·8	1014·1	+ 1·7	285·3	293·0	..	280·9	274·7	..	283·1	−0·7	..	398	+136
310	Prince Rupert	54 18	130 18	51·8	1009·1	1015·4	+ 1·2	287·4	298·6	15th	279·7	275·8	30th	283·6	−0·7	..	235	+ 31
311	Barkerville	53 2	121 35	1274	871·5	..	..	285·2	293·6	17th	274·1	267·4	13th	279·7	−0·9	*279·6*	67	− 25
312	Kamloops	50 42	120 29	385	973·1	1018·4	+ 0·2	294·1	300·2	1st	280·2	273·6	29th	287·2	−0·5	*287·0*	21	− 12
313	Calgary	51 2	114 2	1045	894·0	..	..	291·9	299·7	17th	276·9	268·0	28th	284·4	+1·1	*284·4*	21	− 5
314	Fort Chipewyan	58 42	111 10	218	984·4	1010·5	..	286·9	295·2	18th	277·4	269·7	30th	282·2	+1·9	*282·7*	36	
315	Prince Albert	53 10	106 0	442	958·3	1010·4	− 2·5	290·2	299·7	18th	276·3	269·7	16th	283·3	+0·6	*283·3*	23	− 13
316	Qu'Appelle	50 30	103 47	645	935·0	1010·6	− 3·6	290·2	299·7	8th	276·3	268·6	15th, 28th	283·3	−0·8	*282·2*	137	+ 97
317	Minnedosa	50 15	99 50	515	950·2	1010·8	− 2·9	290·2	299·1	19th	277·4	268·6	15th, 28th	283·8	−0·3	*283·0*	45	+ 2
318	Berens River	52 18	97 23	216	..	..	..	290·9	295·2	10th, 19th	277·3	269·7	28th	284·1	−1·1	*283·4*	61	..
318*a*	Port Nelson	57 4	92 36	14·9	1006·6	1008·4	..	282·4	290·8	7th, 24th	274·1	264·7	30th	278·3	..	..	64	..
319	Fort Hope	51 33	87 49	335	979·0	1011·8	..	287·4	295·8	12th	276·3	268·6	18th	281·9	−0·2	..	..	− 46
320	Moose Factory	51 14	80 30	9·1	1009·7	1010·8	− 4·7	288·6	294·7	7, 11, 12	278·0	270·8	19th	283·3	−0·7	..	36	
321	Fort George	53 50	79 5	?	..	..	..	284·1	291·9	10th, 14th	275·8	269·1	29th	279·9	..	..	89	..
322	Mistassini Post	50 15	73 55	383	..	..	..	286·6	294·1	12th, 13th	277·7	270·8	30th	282·1	..	..	154	..
323	Hebron	58 12	62 21	15·0	1012·7	1014·5	+ 6·8	..	..	..	276·9	272·5	..	..	..	*278·9*	197	..
324	Natashquan	50 8	61 48	?	..	..	..	287·5	293·0	12th	278·9	271·3	22nd	283·2	..	..	51	
325																		
326	Belle Isle	51 23	55 23	133	..	..	..	..	..	..	..	..	..	..	..	..	..	..
334	Cahirciveen (Valencia Obs.)	51 56	10 15	13·7	1017·0	1018·7	+ 3·1	289·6	292·4	7th	285·2	283·0	2nd, 15th	287·4	+0·7	287·5	47	− 58
335	Aberdeen	57 10	2 6	26·8	1013·0	1016·3	+ 2·8	287·2	294·7	6th	281·9	277·4	13th	284·6	−0·1	284·6	43	− 13
336	Greenwich	51 28	W 0 0	48·5	1011·5	1017·3	+ 1·3	291·1	294·7	1st	282·0	275·2	22nd	286·6	−1·0	286·2	25	− 39
337	Uccle	50 48	E 4 22	100	1003·5	1015·6	− 0·8	291·2	297·1	9th	282·8	278·7	19th, 20th	287·0	−0·9	286·8	78	+ 8
338	De Bilt	52 6	5 11	3·0	1015·5	1015·9	+ 0·1	291·6	297·1	10th	282·3	277·3	20th	286·9	−0·7	286·3	39	− 26
338*a*	Hamburg	53 33	9 58	40	1010·6	1015·4	− 0·7	289·7	294·1	3rd	282·6	279·0	22nd	286·1	−1·5	*285·6*	67	+ 6
339	Copenhagen	55 41	12 36	5·0	1014·3	1014·9	− 0·4	287·7	291·2	2nd	283·0	279·5	21st	285·3	−0·6	*285·3*	44	− 14
340	Potsdam	52 23	13 4	84·9	1005·3	1015·6	− 1·2	291·4	297·4	10th	281·4	275·0	23rd	286·4	−0·4	285·6	32	− 36
340*a*	Upsala	59 51	17 38	24·0	1010·4	1013·3	+ 0·9	286·9	292·3	9th	276·9	269·1	30th	281·9	−1·5	282·0	17	− 26
341	Warsaw	52 13	21 1	133	1000·2	1016·2	− 0·7	290·6	299·0	6th	281·5	275·5	29th	286·1	−0·8	285·9	29	− 18
342	Jurjev	58 23	26 43	74·5	1004·4	1013·6	− 0·6	286·1	290·7	9th, 12th	277·3	269·4	30th	281·7	−2·3	281·3	34	
343	Petrograd	59 56	30 16	4·8	1011·0	1011·6	− 1·4	284·9	289·9	8th	278·8	273·0	28th	281·8	−2·0	*281·7*	41	− 12
344	Kiev	50 27	30 30	183	995·5	1017·6	+ 0·4	290·6	301·1	1st	280·7	272·9	29th	285·6	−1·5	*285·2*	25	+ 3
344*a*	Moscow	55 50	37 33	167	994·7	1015·1	− 0·9	285·0	290·2	12th	277·2	270·1	28th	281·1	−2·9	*281·0*	58	+ 32
345	Saratov	51 32	46 3	59·9	1007·4	1014·7	− 1·7	..	297·9	15th	280·7	274·2	30th	..	−2·5	*284·6*	61	+ 39
346	Kazan	55 47	49 8	79·9	1004·4	1014·1	− 0·1	286·4	295·9	15th	278·7	271·0	30th	282·6	−2·2	*281·8*	80	+ 11
347	Orenburg	51 45	55 6	109	1001·1	1014·3	− 2·0	292·2	299·2	17th	279·6	274·4	26th	285·9	−0·2	*285·6*	18	+ 17
348	Perm	58 1	56 16	163	992·3	1012·2	− 1·2	285·5	294·5	16th	278·7	271·3	30th	282·1	−0·8	*281·3*	76	
349	Ekaterinburg	56 49	60 38	281	978·6	1012·3	− 2·4	287·1	296·6	17th	278·6	271·5	4th	282·8	+0·7	*282·5*	66	+ 30
350	Tobolsk	58 12	68 14	108	1000·8	1013·9	− 0·6	290·1	..	..	279·3	273·1	27th	284·7	+2·0	*284·0*	44	+ 2
351	Akmolinsk	51 12	71 23	?347	973·6	1014·7	− 3·1	292·8	298·0	22nd	278·3	272·1	5th	285·6	+1·5	*285·7*	9	− 13
352	Omsk	54 58	73 23	87·9	1004·6	1015·2	− 1·0	292·3	297·6	16th	278·0	273·0	24th	285·2	+1·0	*284·6*	14	− 28
353	Barnaoul	53 20	83 48	162	997·5	1017·0	− 0·5	292·8	299·1	21st	277·8	271·1	28th	285·3	+1·3	*284·9*	1	− 17
354	Tomsk	56 30	84 58	122	1002·0	1016·8	+ 0·5	..	297·0	21st	277·8	269·9	29th	..	+1·8	*283·7*	23	
355	Minousinsk	53 43	91 41	249	987·4	1017·2	− 1·2	..	299·6	2nd	277·7	271·4	30th	..	..	*284·2*	32	+ 8
356	Eniseisk	58 27	92 10	77·6	1008·3	1017·8	+ 0·7	..	295·2	2nd, 3rd	276·3	268·9	30th	..	+1·6	*282·8*	48	− 20
357	Irkutsk	52 16	104 19	467	963·0	1018·7	0·0	..	296·4	4th	274·5	268·8	20th	..	+0·2	*281·8*	17	− 21
358	Kirensk	57 47	108 7	263	987·4	1019·4	+ 2·0	..	293·3	3rd	273·3	263·3	26th	..	0·0	*280·1*	23	+ 12
359	Tchita	52 2	113 30	687	935·4	1016·4	+ 1·2	..	293·0	3rd	273·7	262·4	27th	..	+1·1	*280·2*	42	
360	Blagoveshchensk Priisk	58 10	114 19	490	959·4	1018·6	+ 1·1	..	289·2	1st	270·6	260·9	26th	..	..	*277·2*	13	+ 8
360*a*	Nertchinskii Zavod	51 19	119 37	626	940·4	1014·4	− 0·3	..	291·8	19th	273·2	266·0	22nd	..	−1·8	*280·0*	53	
361	Tygan Ourkan	54 5	124 46	379	968·6	1014·5	..	285·0	291·3	19th	270·5	263·7	27th, 28th	277·8	..	*277·9*	66	..
362	Blagoveshchensk (Bureau Météor.)	50 16	127 30	142	995·0	1012·2	+ 0·2	289·2	297·0	1st	276·7	270·4	29th	283·0	−2·3	*282·7*	29	− 45
363	Paikanskii Sklad	50 11	130 7	145	993·6	1011·2	..	288·3	297·6	1st	274·3	264·5	29th	281·3	..	*281·3*	72	
364																		
365	Nikolaevsk-sur-Amour	53 8	140 45	21·2	1007·4	1009·9	− 0·9	..	291·6	20th	274·8	267·0	30th	..	−3·4	*280·5*	75	+ 24
366	Okhotsk	59 21	143 12	6·0	1007·8	1008·5	− 3·1	282·6	288·7	1st	274·5	268·0	27th, 29th	278·6	−2·2	*278·5*	71	
367																		
368	Petropavlovsk (Radio)	53 0	158 39	13·5	1004·2	1005·8	− 3·8	286·7	294·8	1st	278·3	273·5	28th	282·5	..	*282·2*	151	..
369																		
		N.	E.															
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Estimates not based on at least six equally-spaced observations each day are in *italics*.

SEPTEMBER—ZONE 4.

Table representing the Meteorology of the Globe between Latitude 50° N. and 40° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
411	Victoria, B.C.	48 24	123 19	70·1	1008·8	1017·3	+ 0·8	290·8	299·7	15th	282·4	279·1	30th	286·6	+0·8	285·9	9	− 42
412	Portland, Oregon	45 32	122 41	86·6	1011·5	1016·9	+ 0·4	295·4	302·4	15th	284·4	280·2	30th	289·9	+0·9	*289·8*	18	− 27
413	Macleod	49 44	113 24	954	..	..	..	291·4	298·0	18th, 19th	278·4	270·8	28th	284·9	+0·1	..	112	+ 79
414	Helena	46 34	112 4	1253	874·2	1015·2	+ 0·1	292·9	306·3	2nd	278·9	270·8	28th	285·9	−0·6	*285·7*	43	+ 11
414*a*	Salt Lake City	40 46	111 54	1329	867·6	1013·5	− 0·3	298·0	305·2	1st	285·0	276·9	11th	291·5	+0·6	*292·0*	13	− 10
415	Cheyenne	41 8	104 48	1856	814·8	1014·5	+ 0·5	293·9	301·3	8th	278·4	269·7	28th	286·2	−0·3	*286·7*	25	− 3
416	North Platte	41 8	100 45	859	917·7	1015·9	+ 0·8	298·6	307·4	4th	281·6	271·9	29th	290·1	−0·5	*289·8*	18	− 19
416*a*	Bismarck	46 47	100 38	511	954·0	1014·2	− 0·9	294·1	306·9	3rd	279·4	268·6	15th	286·8	−0·5	*286·5*	18	− 15
417	Winnipeg	49 53	97 7	232	983·4	1011·0	− 3·8	290·8	299·1	8th, 19th	279·1	270·2	28th	284·9	0·0	285·2	52	− 6
418	Duluth	46 47	92 6	345	972·8	1014·2	− 1·2	289·7	297·4	19th	279·6	271·9	29th	284·7	−1·6	*284·2*	108	+ 13
419	Port Arthur	48 27	89 12	196	989·1	1012·6	− 3·3	288·6	297·4	8th	279·7	269·7	18th	284·1	−0·5	*284·0*	130	+ 47
420	Chicago	41 53	87 37	251	987·1	1016·9	− 0·5	295·5	304·7	7th	283·6	274·7	30th	289·1	+1·0	288·4	42	− 39
421	Toronto	43 40	79 24	116	1002·4	1016·3	− 1·6	294·7	305·2	7th	283·6	274·7	30th	289·2	+0·2	290·0	57	− 20
422	New York (Central Park)	40 46	73 58	30·2	1014·1	1017·7	− 1·2	297·6	306·9	8th	287·7	279·7	30th	292·7	0·0	292·4	88	− 2
423	St. John, N.B.	45 17	66 4	36·2	..	1015·6	− 1·8	290·2	299·7	14th	282·4	277·4	20th	286·3	0·0	286·0	46	− 49
424	S.W. Point, Anticosti	49 24	63 33	9·1	1011·4	1012·5	− 1·5	286·3	288·6	1, 8, 16	280·2	276·3	6th	283·3	+1·0	..	79	+ 9
424*a*	Sable Island (Main Station)	43 57	60 6	7·6	1016·4	1017·3	− 0·5	291·3	295·8	2nd	286·9	283·6	20th	289·1	+0·8	..	119	+ 33
425	Port aux Basques	47 35	59 10	9·1	1013·2	1014·3	− 1·2	288·0	291·9	13th	281·9	275·2	12th	284·9	+1·6	..	95	− 17
426	St. John's, Newfoundland	47 34	52 42	38·1	1007·1	1011·7	− 2·2	289·1	297·4	2nd, 9th	281·9	275·8	18th	285·5	+0·5	..	64	− 28
435	Madrid	40 24	3 41	655	940·8	1015·5	− 1·3	300·3	308·0	2nd	284·1	276·8	21st	292·2	−0·6	291·2	8	− 28
436	Nantes	47 15	W 1 34	36·5	1012·6	1017·0	− 0·2	293·2	298·9	2nd	283·0	277·0	15th	288·1	−1·0	287·8	36	− 11
437	Paris (Parc St. Maur)	48 49	E 2 29	50·3	1010·4	1016·5	− 1·0	292·5	296·9	9th	282·6	277·6	23rd	287·6	−0·6	287·1	72	+ 19
438	Marseilles	43 18	5 23	74·8	1004·2	1013·1	− 3·1	296·6	301·0	1st	285·2	279·5	22nd	290·9	−1·6	290·3	78	+ 54
438*a*	Zurich	47 23	8 33	493	958·6	1016·7	− 2·1	290·9	298·9	3rd	280·8	276·6	16th	285·8	−2·3	285·0	84	− 21
439	Rome	41 54	12 28	50·6	1007·6	1013·2	− 3·5	296·6	300·4	4th	287·7	283·9	24th	292·2	−1·8	*292·2*	143	+ 72
440	Vienna	48 15	16 22	203	990·9	1015·5	− 2·0	289·9	296·8	4th	283·1	277·1	23rd	286·5	−1·7	286·3	86	+ 42
440*a*	Buda-Pesth	47 31	19 1	130	1000·1	1015·6	− 1·9	294·1	300·5	4th	283·3	275·7	24th	288·7	−1·1	*287·8*	80	+ 25
441	Monastir	41 1	21 23	617	..	..	..	..	..	..	..	..	..	..	..	..	..	..
442	Bucharest	44 25	26 6	82	1006·3	1016·1	− 1·4	296·3	302·4	1st	282·7	274·6	25th	289·5	−1·3	289·0	17	− 26
443	Odessa (University)	46 29	30 44	65·3	1009·4	1017·3	− 0·4	293·3	300·2	3rd	285·2	277·5	24th	289·2	−1·0	*288·9*	23	− 9
444	Kharkov (University)	50 0	36 14	140	1000·7	1017·7	− 0·3	291·0	301·4	1st	285·8	277·5	30th	290·0	−2·2	*289·7*	41	− 14
444*a*	Novorossiisk	44 44	37 49	37·1	1010·0	1014·4	− 2·0	294·3	304·5	3rd	286·5	279·1	23rd	292·0	−1·4	*291·1*	36	− 14
445	Tiflis	41 43	44 48	404	967·1	1013·9	− 2·8	297·5	306·0	4th	281·8	277·1	30th	287·8	−1·4	*289·0*	12	− 2
447	Astrakhan	46 21	48 2	−13·8	1016·6	1014·9	− 2·3	293·7	299·2	4th	281·8	277·1	30th	287·8	−1·4	*289·0*	12	− 2
448	Fort Alexandrovsk	44 30	50 16	24	1010·2	1013·0	− 4·7	294·5	301·9	16th	286·3	281·5	9th	290·4	−1·8	*290·0*	41	+ 26
	Krasnovodsk	40 0	52 59	−14·6	1013·6	1011·9	− 4·2	300·7	308·0	1st	291·6	286·1	30th	296·2	−0·8	*295·8*	0	− 7
449	Aralskoe More	46 47	61 42	57·0	1007·9	1014·7	− 3·3	295·6	300·7	30th	282·3	276·7	8th	289·0	−0·6	*288·8*	0	..
450	Tachkent	41 20	69 18	479	956·6	1011·5	− 3·2	301·9	312·6	12th	284·5	278·4	26th	293·2	+0·2	*292·3*	1	− 3
451	Narynskoe	41 26	76 0	?2015	794·8	..	..	..	..	..	279·1	273·2	25th	..	+1·1	*286·4*	4	..
452	Vernyi	43 16	76 53	? 825	918·5	1011·1	− 3·3	297·2	304·8	1st	285·2	279·5	25th	291·2	..	*290·8*	64	..
461	Mukden	41 48	123 23	43·8	1009·3	1014·5	− 0·8	296·9	303·1	16th	283·2	272·0	28th	290·1	−0·1	289·4	55	− 36
462	Joshin	40 40	129 11	4·0	1013·6	1014·1	+ 0·5	295·0	299·5	2nd	286·7	276·7	28th	290·9	+0·2	290·8	97	− 23
463	Yuki	42 20	130 24	65·6	1006·6	1014·5	..	293·4	299·0	1st	284·9	276·3	30th	289·1	..	289·2	91	..
464	Vladivostok	43 7	131 55	28·8	1011·1	1014·5	+ 0·2	294·2	298·5	3rd	285·4	276·8	30th	289·8	−0·3	289·3	89	− 23
465	Ochiai	47 20	142 44	6·6	1010·0	1010·8	− 2·3	290·5	297·3	3rd	278·6	269·2	30th	284·5	−0·2	284·8	183	+ 69
466	Nemuro	43 20	145 35	26·7	1009·7	1012·9	− 1·2	292·7	301·0	1st	286·1	278·8	30th	289·4	+1·2	289·4	121	− 15
466*a*	Syana	45 14	147 53	39·3	1007·5	1012·2	− 2·1	291·5	298·1	1st	283·4	277·3	30th	287·5	+1·4	287·5	93	+ 7
		N.	E.															

Between Latitude 40° N. and 30° N.

SEPTEMBER—ZONE 5 (Western Half).

511	San Francisco	37 48	122 26	47·2	1008·7	1014·5	+ 0·3	294·4	303·6	27th	285·1	283·0	20th	289·8	+0·3	*288·5*	30	+ 20
512	San Luis Obispo	35 18	120 39	61·3	1007·2	1014·5	+ 0·5	297·7	308·6	13th	283·1	280·2	10th	290·4	−0·3	*289·3*	49	+ 42
513	San Diego	32 43	117 10	26·5	1009·7	1012·8	+ 0·5	293·6	299·7	29th	288·3	286·3	14th	291·0	−1·8	*290·6*	6	+ 4
514	Modena	37 48	113 54	1670	834·7	1013·5	+ 0·6	298·8	302·4	13th	278·8	273·0	11th	288·8	+0·3	*288·7*	18	− 8
515	Santa Fé	35 41	105 57	2138	790·1	1012·8	− 0·3	295·4	300·8	7th	282·5	276·9	29th	289·0	−0·1	*288·8*	37	− 2
516	Denver	39 45	105 0	1613	839·0	1014·9	+ 0·7	297·2	305·2	8th	281·5	273·6	29th	289·3	−0·5	*289·6*	20	− 6
517	Abilene	32 23	99 40	530	954·7	1014·9	+ 0·3	303·9	309·1	9th	290·6	279·7	29th	297·2	+0·1	*296·5*	22	− 46
518	Saint Louis	38 38	90 12	173	996·8	1017·3	+ 0·1	298·2	307·4	5th	288·2	278·0	29th	293·2	−1·1	*293·0*	68	− 13
519	Mobile	30 41	88 2	17·4	1014·2	1016·2	+ 0·4	302·8	306·9	9th	293·3	283·0	30th	298·0	−0·4	*297·4*	170	+ 34
520	Nashville	36 10	86 47	166	999·3	1018·9	+ 1·1	299·8	306·3	6th	287·6	278·6	30th	293·7	−1·1	*293·8*	49	− 40
521	Charleston	32 47	79 56	14·6	1015·7	1017·3	− 0·2	300·8	304·7	7th	293·1	285·2	30th	296·9	−0·7	*297·0*	70	− 59
522	Washington	38 54	77 3	34·1	1014·5	1018·6	− 0·2	298·4	306·9	8th	286·0	278·0	20th	292·2	−1·5	*291·6*	65	− 21
524	Bermuda	32 18	64 46	46·0	1012·2	1017·6	+ 0·4	301·3	303·3	6th	294·9	293·0	30th	298·1	−0·5	*298·1*	7	−118
530	Santa Cruz (Flores)	39 27	31 9	28	1017·6	1020·7	− 1·6	296·3	297·8	26th	291·4	289·0	24th	293·9	−0·1	*293·8*	145	+ 43
531	Horta	38 32	28 38	63	1013·5	1020·7	− 0·4	296·6	299·4	6th	291·7	289·9	25th	294·1	−0·2	294·0	151	+ 56
532	Ponta Delgada	37 44	25 40	22	1019·1	1020·9	− 0·1	296·4	297·4	2nd	291·9	289·7	24th	294·1	+0·2	294·0	..	..
532*a*	Faja da Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	..	..
533	Madeira (Funchal)	32 37	16 54	25	1016·1	1019·0	− 0·1	297·4	299·5	4th	292·8	291·4	23rd	295·1	0·0	*295·1*	84	− 20
534																	0	− 29
535	Lisbon	38 43	9 9	95	1004·3	1015·5	− 1·7	299·1	305·5	6th	290·5	287·7	20th	294·8	+1·4	*294·3*	27	− 10
536	Gibraltar	36 6	5 21	16·2	1013·7	1015·7	− 0·3	298·7	301·3	4th, 13th	291·7	289·7	22, 27, 28	295·2	−0·1	*294·8*	40	+ 4
536*a*	Melilla	35 18	2 59	8	1019·5	1020·4	+ 0·7	304·4	307·8	1st	289·9	288·0	14th	297·1	−1·4	*298·6*	7	− 4
		N.	W.															
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Estimates not based on at least six equally-spaced observations each day are in *italics*.

SEPTEMBER—ZONE 5 (Eastern Half). Table representing the Meteorology of the Globe between Latitude 40° N. and 30° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ E.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
537	Palma	39 34	2 38	23	1012·3	1015·0	− 2·6	298·3	302·2	26th	290·6	288·0	22nd	294·4	−1·7	..	143	+ 88
538	Algiers (Bouzaréah)	36 48	3 2	344	975·1	1014·9	− 1·5	296·9	303·6	26th	290·3	287·5	21st, 29th	293·6	−1·2	292·9	41	+ 13
539	Tunis	36 48	10 10	33	..	..	..	299·6	307·0	4th	289·9	284·4	23rd	294·7	−2·6	*294·2*	70	+ 10
539*a*	Malta	35 53	14 30	58·8	..	1013·0	− 4·6	298·5	302·5	1st	293·6	289·6	25th	296·0	−1·0	*295·3*	40	+ 4
540	Riposto	37 41	15 14	14·2	..	1015·6	− 1·1	298·7	302·4	6th	291·7	290·9	24th	295·2	−1·5	*294·9*	18	+ 11
541	Athens	37 58	23 43	107	1001·7	1014·3	− 0·5	299·4	303·7	1st	291·3	284·7	25th	295·3	−1·1	295·1	4	− 1
542	Alexandria	31 12	29 53	32·0	1009·5	1013·1	− 0·6	302·8	307·5	14th	295·6	292·4	30th	299·2	+0·9	*298·5*	0	..
543	Cairo (Helwan)	29 52	31 20	116	998·1	1011·4	− 0·8	305·0	311·3	14th	293·0	289·1	29th	299·0	0·0	298·5	0	0
544	Nicosia (P.W.D.)	35, 9	33 22	159	991·7	1009·5	− 1·2	304·4	309·7	8th	289·8	284·1	29th, 30th	297·1	−1·5	..	0	− 5
544*a*	Beirut	33 54	35 28	33·7	..	1009·9	− 0·4	302·0	304·1	8th	295·5	291·9	30th	298·7	−0·5	..	12	+ 5
545	Baghdad	33 21	44 28	38·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
546	Busrah	30 31	47 53	7·6	1003·4	1004·5	− 2·7	310·2	315·8	11th	296·7	280·4	13th	303·4	−0·3	..	0	− 5
546*a*	Lenkoran	38 46	48 51	−19·3	1015·4	1013·1	− 2·9	..	301·8	3rd	288·5	283·7	22nd	..	−1·1	*293·4*	54	− 120
547	Teheran	35 41	51 25	1220	..	..	..	..	..	..	..	..	..	..	..	..	..	..
548	Meshed	36 16	59 35	946	..	..	..	302·9	309·2	12th	282·6	277·4	26th	292·8	+0·7	..	0	− 1
549	Seistan	31 0	61 30	?	..	..	..	307·1	313·8	12th	291·5	283·0	27th	299·3	..	..	0	− 2
550	Quetta	30 11	67 3	1677	830·5	..	− 1·4	303·8	306·4	12th	283·6	275·6	26th	293·7	+1·0	*293·5*	0	− 5
551	Peshawar	34 2	71 37	339	966·1	1003·8	− 2·2	308·6	310·8	13th, 14th	294·8	291·4	25th	301·7	+0·3	*301·1*	24	+ 9
551*a*	Lahore	31 34	74 20	214	979·3	1003·2	− 1·7	308·0	311·3	12th	297·3	294·8	19th	302·7	−0·3	*302·2*	25	+ 20
552	Simla	31 7	77 8	2205	779·4	..	− 1·3	291·6	294·8	12th	286·8	284·1	26th	289·2	−0·1	*289·0*	174	− 7
552*a*	Leh	34 10	77 42	3503	666·3	..	− 1·1	294·7	298·4	14th	278·4	274·8	20th	286·6	+0·2	*285·4*	0	..
559	Hang Kow	30 35	114 17	37·0	1009·1	1013·4	0·0	300·4	308·9	2nd	293·1	286·5	29th	296·7	−0·4	*296·6*	36	− 20
560	Tientsin	39 10	117 10	5·0	1014·7	1015·3	+ 0·5	298·2	303·3	1st	289·1	283·2	27th	293·7	−0·7	*293·3*	38	− 26
561	Shanghai (Zi-Ka-Wei)	31 12	121 26	7	..	1011·9	− 0·4	302·3	307·7	8th	293·9	286·2	30th	298·1	+1·2	297·0	88	+ 13
562	Jinsen (Chemulpo)	37 29	126 37	67·6	1005·8	1013·8	+ 1·1	296·0	299·4	15th	289·4	282·0	28th, 29th	292·7	−1·4	292·3	240	+ 56
562*a*	Nagasaki	32 44	129 52	133	997·4	1012·8	+ 2·3	301·3	303·9	20th, 22nd	294·8	289·4	30th	298·1	+1·1	297·6	256	+ 69
563	Kioto	35 1	135 44	42·9	1009·0	1014·0	+ 2·2	302·5	306·7	21st	292·3	281·6	30th	297·4	+1·8	296·9	271	+ 84
564	Tokio	35 41	139 45	21·3	1011·5	1014·0	+ 1·7	301·2	306·1	1st	293·1	284·1	30th	297·2	+1·9	296·7	171	+ 99
565	Kanayama	37 53	140 46	24·6	1011·3	1014·2	+ 0·6	298·3	305·8	5th	290·7	279·5	30th	294·5	+1·6	294·0	326	+ 32
566	Miyako	39 38	141 59	30·4	1010·1	1013·6	+ 0·2	298·0	305·7	11th	289·0	278·9	30th	293·5	+1·5	292·8	228	..
		N.	E.															

SEPTEMBER—ZONE 6. Between Latitude 30° N. and 20° N.

605	Honolulu	21 19	157 52	11·6	1015·5	1016·8	+ 1·1	300·8	301·9	..	295·5	294·1	..	298·2	−0·3	*298·5*	15	− 31
606																		
615	Zacatecas	22 47	102 35	2610	..	..	..	..	..	..	..	..	..	..	..	..	..	..
616	Leon	21 7	101 41	1800	..	..	..	..	..	..	..	..	..	..	..	..	..	..
617	Tulancingo	20 5	98 22	2180	..	..	..	..	..	..	..	..	..	..	..	..	..	..
618	Galveston	29 18	94 50	16·5	1014·2	1016·2	+ 1·1	302·0	304·7	10th	296·6	288·6	29th	299·3	0·0	*299·3*	108	+ 41
618*a*	New Orleans	29 58	90 4	16·2	..	1015·9	+ 0·8	303·5	307·4	9th	295·1	286·3	30th	299·3	0·0	*298·6*	80	+ 0
619	Havana	23 8	82 21	24·3	..	1014·2	+ 0·6	303·0	304·5	1st	296·7	295·6	13, 15, 16	299·9	0·0	*299·6*	148	− 56
620	Key West	24 33	81 48	6·7	1012·9	1013·5	− 0·5	303·6	304·7	11th	297·6	295·2	18th	300·6	−0·5	*300·6*	111	− 54
621	Nassau, Bahamas	25 5	77 21	3·7	..	..	..	..	..	..	297·8	295·2	16th	..	−1·2	*299·6*	108	..
622	Watling Island	24 0	74 26	33·5	1010·1	1013·9	− 0·6	..	304·7	20th	..	296·4	11th	..	..	*300·6*	..	..
633	Izaña	28 19	16 30	2367	770·8	..	..	290·8	296·4	1st	282·8	277·5	26th	286·8	..	286·4	49	+ 8
634	La Laguna	28 28	16 20	547	954·1	1016·6	− 1·6	296·8	302·5	1st	288·5	285·4	24th	292·6	−1·1	*292·0*	20	..
636	Colomb-Béchar	31 38	W 2 13	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
637	Timimoun	29 9	E 0 10	?	..	..	..	313·6	320·1	1st	296·1	290·8	30th	304·9	..	*305·0*	19	..
641	Siwa	29 12	25 29	−23	..	..	..	..	..	..	..	..	..	..	..	..	..	..
642																		
643	Aswan	24 2	32 53	99·6	996·7	1007·9	− 0·6	311·3	315·8	17th	296·4	290·6	30th	303·8	−0·2	*303·3*	..	..
644	Tor	28 13	33 37	1·9	1007·2	1007·5	− 1·0	304·6	315·1	16th	295·9	289·4	30th	300·2	+0·2	*299·7*	..	..
647	Bushire	28 59	50 53	4·3	1003·2	1003·7	− 2·1	305·9	309·6	5th	298·3	293·5	29th	302·1	−1·2	*301·6*	0	0
648	Jask	25 44	57 47	4·0	1003·4	1003·9	− 2·3	306·8	310·8	21st	300·2	298·6	12th, 14th	303·5	−0·1	*303·0*	0	0
649	Robat	29 45	60 55	?	904·3	..	..	311·0	316·8	13th	294·0	288·5	27th	302·5	..	..	0	..
649*a*	Karachi	24 53	66 57	4·0	1003·9	1004·3	− 2·4	303·6	306·2	14th	298·7	296·9	16th	301·2	+1·1	*300·7*	33	+ 34
650	Hyderabad, Sind	25 24	68 18	29·3	999·7	1002·9	− 2·3	308·0	311·9	14th	298·2	297·1	7th	303·1	−0·4	*302·6*	46	+ 0
650*a*	Jacobabad	28 17	68 29	56·7	996·3	1002·6	− 1·8	312·6	316·6	14th	298·8	294·6	27th	305·7	+0·5	*305·1*	22	+ 0
651	Jaipur	26 56	75 52	436	956·0	1003·9	− 2·4	305·6	311·1	12th	296·4	294·2	4th	301·0	−0·7	*300·2*	96	+ 14
652	Nagpur	21 8	79 5	310	969·7	1004·2	− 2·1	304·3	307·8	10th	296·3	293·4	25th	300·3	−0·2	*299·6*	232	..
653	Allahabad	25 25	81 51	94·1	992·4	1002·9	− 2·3	305·7	309·1	10th	297·8	296·3	21st	301·7	−0·3	*301·0*	190	+ 53
653*a*	Darjiling	27 3	88 18	2266	774·8	..	− 1·4	292·5	295·2	17th	286·9	285·6	23rd	289·7	+1·0	*289·5*	785	+ 198
654	Calcutta	22 36	88 23	6·4	1002·9	1003·7	− 2·1	304·4	306·7	7th	298·8	297·3	17th	301·6	+0·3	*301·5*	455	− 42
655	Gauhati	26 8	91 41	59·7	999·5	1006·2	− 0·8	304·8	307·2	21st	298·1	297·1	2nd	301·4	−0·1	*300·5*	114	+ 85
655*m*	Cherrapunji	25 15	91 42	1314	865·5	..	− 1·3	295·9	299·4	20th	291·2	289·8	8th	293·6	−0·2	*293·0*	968	+ 856
655*a*	Akyab	20 11	92 56	6·1	1005·0	1005·6	− 2·0	303·1	306·0	20th	297·2	296·2	12th	300·2	−0·7	*300·1*	1378	+ 1078
656	Mandalay	21 59	96 0	76·2	997·8	1006·4	− 1·7	307·3	311·2	6th	298·2	296·9	30th	302·7	+0·4	*301·9*	205	+ 5
656*a*	Tengyueh	24 59	98 35	1633	831·3	..	..	297·7	300·2	28th, 29th	288·7	283·6	15th	293·2	..	*292·6*	181	+ 9
657	Phu Lien	20 48	106 37	116	993·1	1006·4	− 1·3	302·9	306·8	5th	296·8	293·9	25th	299·8	−0·4	299·4	318	+ 131
658	Moncay	21 31	107 51	9	1005·5	1006·5	− 0·9	304·3	308·2	6th	296·4	293·3	25th	300·3	−0·3	*300·5*	438	..
659	Hong Kong	22 18	114 10	33·2	..	1007·4	− 0·9	302·3	305·1	5th	297·8	295·6	26th	300·1	0·0	299·9	267	+ 23
660	Amoy	24 27	118 4	ca.3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
661	Taiboku, Formosa	25 2	121 31	9·3	1008·1	1009·1	− 0·3	305·2	308·1	8th	296·3	292·0	29th	300·7	+1·0	300·2	111	+ 16
661*a*	Santo Domingo	20 28	121 59	18·7	..	1005·5	− 0·8	303·6	305·4	1st, 12th	297·6	295·4	27th	300·6	0·0	*300·6*	473	+ 121
662	Naha	26 13	127 41	10·5	1009·1	1010·3	+ 1·6	303·9	306·1	2nd	297·0	295·0	30th	300·4	+0·2	299·9	299	..
665	Titizima (Bonin Islands)	27 5	142 11	4·0	1014·1	1014·5	+ 2·7	303·7	305·4	10th	297·4	295·5	2nd	300·5	+0·2	300·0	146	+ 24
		N. ° ′	E. ° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Estimates not based on at least six equally-spaced observations each day are in *italics*.

Table representing the Meteorology of the Globe between Latitude 20° N. and 10° N. **SEPTEMBER—ZONE 7.**

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
715	Zapotlanejo	19 38	103 37	1529	..	..	..	..	..	..	..	..	..	..	..	..	..	..
716	Morelia	19 42	101 0	1933	..	..	..	..	..	..	..	..	..	..	..	..	..	..
717	Mexico	19 26	99 8	2259	780·0	..	+ 0·1	293·9	296·7	10th	284·9	282·7	26th	289·4	+0·7	288·6	96	− 4
718	Oaxaca	17 4	96 44	1563	..	..	..	..	..	..	..	..	..	..	..	..	..	..
718*a*	Salina Cruz	16 12	95 16	56·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
719	San Salvador	13 42	89 12	684	937·1	1013·9	+ 1·6	297·1	308·0	20th	293·5	289·8	25th	295·3	−0·4	*295·7*	258	− 26
720	Belize	17 29	88 12	5·2	..	..	..	..	304·1	..	..	..	..	..	..	..	291	+ 56
721																		
722	Jamaica (Negril Point)	18 15	78 23	10·1	..	1012·3	+ 0·3	303·9	305·1	sev. dates	295·8	293·9	1st	299·0	0·0	*299·9*	151	− 40
723	Port au Prince	18 34	72 22	37·4	1008·7	1013·0	+ 0·3	306·1	307·9	13th	295·7	294·4	25th	300·9	0·0	299·8	216	+ 15
723*a*	Caracas	10 31	66 56	1010	900·4	..	0·0	298·4	299·9	12th, 13th	288·3	286·8	18th, 27th	293·3	−0·9	*292·6*	188	+ 95
723*b*	St. Croix (Christiansted)	17 45	64 42	6·6	..	..	..	303·0	305·0	14th	298·2	295·8	3rd	300·6	−0·3	*300·3*	89	− 57
724	Montserrat	16 41	62 9	39·6	1008·5	1013·0	− 0·7	304·6	306·3	21, 22, 25	295·8	294·1	1st, 2nd	300·2	..	*299·6*	141	..
724	Grenada (Richmond Hill)	12 3	61 45	155	994·0	1011·9	+ 0·1	302·9	305·2	13th, 19th	296·5	294·1	8th	299·7	−0·1	*299·1*	288	+ 83
725	Barbados	13 8	59 36	55·2	..	1012·9	0·0	303·0	304·7	21st	295·7	?294·4	8th	299·3	−0·1	*299·1*	120	− 67
731	St. Vincent, C. Verde Is.	16 54	25 4	11	1011·0	1012·2	− 0·9	301·3	303·0	16th, 17th	297·0	296·0	10, 11, 22	299·1	0·0	*299·6*	15	− 36
732	San Tiago, C. Verde Is.	14 54	23 31	?40	1008·0	1012·6	− 0·7	301·7	303·5	26th	297·5	295·5	23rd	299·6	−0·3	*299·5*	194	+ 86
733	Bathurst	13 24	16 36	1·5	..	1013·0	+ 0·6	302·9	304·7	25th	296·1	294·1	8, 10, 25	299·5	−0·1	*299·7*	247	− 9
734	M'Carthy Island	13 42	14 46	1·1	..	..	..	308·3	310·2	18th, 20th	292·3	290·8	15th, 20th	300·3	+0·4	..	212	+ 25
735	Ségou	13 34	6 17	300	..	..	..	..	..	..	..	..	..	..	..	..	..	..
736	Timbuctoo	16 43	W 3 1	270	..	..	..	310·0	313·2	29th, 30th	297·3	293·8	6th	303·7	−2·0	*302·7*	38	..
737																		
738	Sokoto	13 2	E 5 14	353	..	..	..	305·8	309·7	29th	294·5	291·3	2nd	300·2	−0·1	..	245	+ 138
739	Kaduna Junction	10 50	7 25	640	..	..	..	301·4	304·7	27th	292·2	290·2	18th	296·8	−0·7	..	350	+ 90
740	Katagum	12 17	10 22	30·7	..	..	..	..	..	..	..	..	..	..	..	..	82	+ 8
743	Maiduguri	11 47	13 11	361	..	..	..	305·4	309·7	12th, 13th	294·8	290·8	20th	300·1	−0·9	..	129	+ 16
743*a*	El Obeid	13 11	30 14	569	945·5	1008·8	− 0·3	307·3	308·0	22nd	292·2	289·7	15th	299·8	−1·5	*298·2*	85	− 2
744	Khartoum	15 37	32 33	390	964·3	1007·3	− 0·2	310·9	313·6	11th	297·9	293·0	1st	304·4	−1·0	*303·2*	20	+ 2
744	Port Sudan	19 37	37 13	5·9	1005·3	1006·0	− 1·3	310·6	316·0	15th	299·1	294·1	14th	304·8	+0·3	*304·6*	0	0
745																		
746	Berbera, Somaliland	10 22	45 2	10·1	..	1006·0	− 1·2	311·3	315·8	4th	301·4	297·4	3rd, 4th	306·4	0·0	*306·0*	2	+ 1
751	Aden	12 45	45 3	28·7	1001·6	1004·8	− 3·1	306·3	309·6	20th	300·3	297·1	1st	303·3	−0·8	*302·9*	0	− 4
751*a*	Bombay	18 54	72 49	11·3	1005·1	1006·3	− 3·2	302·4	305·1	3rd	298·2	297·2	6th	300·3	+0·4	*299·7*	371	+ 95
752	Cochin	10 58	76 21	2·7	1009·1	1009·3	− 2·1	302·3	303·8	30th	296·7	295·7	3rd	299·5	0·0	*298·9*	398	+ 177
752*a*	Kodaikanal	10 14	77 28	2343	768·9	..	− 1·6	290·4	292·5	27th	284·4	282·3	29th	287·4	+0·2	*286·7*	212	+ 46
753	Bangalore	12 59	77 38	920	907·4	1007·6	− 1·9	300·5	302·2	1st, 3rd	291·8	289·6	29th	296·1	0·0	*295·1*	94	− 77
754	Madras	13 4	80 14	6·7	1005·4	1006·2	− 2·1	307·2	310·5	5th	298·6	296·6	6th	302·9	+0·4	*302·3*	74	− 56
755	Waltair	17 45	83 16	68·9	996·6	1004·3	− 1·6	304·5	307·7	24th	298·6	297·3	14th	301·6	+0·1	*301·0*	54	− 128
756	Port Blair	11 40	92 40	17·7	1005·0	1007·0	− 2·4	302·1	304·1	6th, 7th	297·8	295·8	25th	299·9	−0·1	*299·3*	561	+ 90
756	Rangoon	16 46	95 48	5·5	1006·6	1007·3	?− 0·3	302·4	305·3	14th	297·3	296·1	22nd	299·9	−0·3	*299·0*	572	+ 175
757	Saigon	10 47	106 42	11·2	1005·8	1007·0	− 0·9	304·0	305·9	1st	296·0	294·9	25th	300·0	−0·4	*299·5*	462	+ 108
758	Nhatrang	12 15	109 12	3·6	1005·2	1005·6	− 1·1	305·1	307·3	6th	296·6	295·6	23rd	300·9	−0·3	*300·3*	82	− 97
759	Bolinao	16 24	119 53	9·7	..	1005·6	− 1·2	303·8	306·4	11th	296·9	295·1	6th	300·3	−0·3	299·5	902	+ 350
761	Vigan	17 34	120 23	12·2	..	1005·4	− 1·5	304·6	306·7	2nd	296·1	295·0	5th, 29th	300·3	0·0	299·9	474	− 45
761*a*	Manila	14 35	120 59	14·2	..	1006·5	− 1·0	303·6	306·3	7th	296·3	295·3	9, 18, 30	299·9	−0·8	299·0	373	+ 3
762	Ormoc	11 0	124 36	5·6	..	1007·4	− 0·6	303·9	305·6	19th, 30th	296·7	294·9	9th	300·3	+0·3	299·9	279	+ 7
765	Guam, Ladrone Is.	13 24	144 38	20·4	..	1008·1	+ 0·9	302·7	303·8	sev. dates	296·5	294·4	20th	299·6	−0·5	*299·6*	587	+ 187
		N.	E.															

Between Latitude 10° N. and 0°. **SEPTEMBER—ZONE 8.**

805	Fanning Island	3 55	159 23	4·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
821	Colon	9 23	79 23	7·6	..	1011·1	+ 0·8	303·3	305·2	20th	296·8	296·3	17th	300·1	+0·6	*299·7*	264	− 58
822	Bogota	4 36	74 6	2645	..	..	..	..	..	..	..	..	..	..	..	..	50	− 4
822*a*	Merida	8 36	71 10	1641	841·6	..	..	297·9	299·5	22nd, 23rd	288·1	286·6	10th	293·0	..	*291·7*	133	..
824	El Peru, Guayanavieja	7 30	62 0	220	984·7	1009·7	− 0·7	302·9	305·2	21st	?293·5	..	..	?298·2	−0·7	*297·6*	102	− 13
825	Georgetown, Brit. Guiana	6 50	58 12	1·8	..	1013·7	− 0·5	303·6	304·4	19th	297·0	295·2	10th	300·3	−0·1	*299·9*	33	− 47
826	Paramaribo	5 49	55 9	3·7	1011·7	1012·1	− 0·8	305·7	306·8	27th	296·5	294·9	9th	301·1	+0·3	*299·6*	141	..
826*a*	Cayenne	4 56	52 21	6	..	..	..	305·6	307·0	13th	295·8	294·8	17th	300·7	−0·4	*300·8*	14	− 17
833	Conakry	9 31	13 43	16	1010·7	1012·5	0·0	302·2	304·0	..	295·0	293·0	..	298·6	−0·1	*298·1*	623	− 125
834	Freetown, Sierra Leone	8 30	13 9	68·3	1005·3	1013·1	+ 0·5	302·4	304·7	24th, 30th	295·5	293·6	17th	298·9	−0·3	*298·4*	684	− 43
835	Cape Coast Castle	5 5	1 13	?	..	..	..	..	..	..	295·7	293·2	5th	299·7	..	..	84	+ 57
836	Accra	5 12	W 0 12	18	..	..	..	301·6	303·0	1st	295·7	294·1	18th	298·6	+0·8	*298·2*	38	+ 15
837	Lagos	6 27	E 3 24	1·8	1013·5	1013·7	− 0·8	302·2	303·6	..	295·6	294·1	..	298·9	+0·3	*298·4*	103	− 27
838	Zungeru	9 49	6 10	130	..	..	..	304·1	306·3	27th	295·0	293·0	9, 18, 19	299·6	+0·7	..	325	+ 63
838*a*	Libreville	0 23	9 26	35	1007·6	1011·6	..	302·9	..	..	294·8	..	..	298·9	+0·5	*298·4*	172	+ 67
839	Yola	9 12	12 30	259	..	..	..	302·4	305·2	11th, 28th	294·7	293·0	17th, 29th	298·6	−0·4	..	210	+ 24
841	Wau	7 42	28 3	440	960·2	1009·1	− 0·8	303·3	307·0	12th	293·6	291·0	23rd	298·4	−1·5	*296·7*	230	+ 68
843	Mongalla	5 11	31 47	439	960·6	1009·3	− 0·4	303·4	306·5	6th	293·7	292·0	5th, 8th	298·6	−1·0	*297·1*	217	+ 93
843*a*	Malakal (Kodok)	9 35	31 37	394	..	..	0·0	304·6	306·5	sev. dates	294·2	292·5	4th	299·4	−0·2	*298·1*	107	− 17
844	Entebbe	0 5	32 29	1171	884·1	..	0·0	298·8	300·2	14th	289·1	288·4	5th, 8th	293·9	−0·5	*293·5*	113	+ 35
845	Harrar	9 42	42 30	1856	..	..	..	298·7	300·0	sev. dates	287·7	287·0	sev. dates	293·2	+0·7	..	151	+ 56
851	Minicoy	8 17	72 49	2·1	1010·2	1010·4	− 1·4	..	..	..	..	..	..	..	..	..	276	+ 101
852	Colombo Observatory	6 54	79 53	7·3	1007·4	1008·2	− 1·4	302·2	302·9	25th	297·6	295·2	2nd	299·9	−0·5	*299·3*	97	− 29
853	Nuwara Eliya	6 59	80 47	1886	..	..	..	292·3	295·3	1st	286·0	283·9	1st	289·1	+1·0	*288·4*	249	+ 39
854	Trincomalee	8 34	81 14	30·2	1002·3	1005·7	− 1·1	305·9	309·1	30th	297·7	295·2	7th	301·8	−0·3	*301·2*	49	− 68
855	Kota Radja	5 32	95 20	7·1	..	1007·9	− 2·9	..	..	..	..	..	..	..	..	..	147	− 20
856	Medan	3 35	98 41	25·0	..	1007·9	− 2·5	305·1	306·9	22nd	294·4	292·9	26th	299·7	..	298·9	37	− 185
857	Penang	5 34	100 20	6·3	1008·6	1009·3	− 0·8	304·6	305·8	17th	296·1	295·8	1st	300·3	0·0	*299·7

SEPTEMBER—ZONE 9.

Table representing the Meteorology of the Globe between Latitude 0° and 10° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
		S.	W.															
905	Malden Island	4 2	155 1	7·9	1011·8	1012·7	+ 1·4	304·4	305·2	2, 5, 7	296·0	294·1	29th, 30th	300·2	−2·0	*299·2*	8	− 12
921	Quito	0 10	78 35	?	..	..	..	..	..	..	..	..	..	..	..	..	21	+ 18
924	Manaos	3 8	60 1	44·9	1005·6	1010·7	− 1·9	307·3	309·2	19th	296·7	294·6	8th	302·0	−0·4	*300·8*	36	− 5
926	Taperinha	2 30	54 42	20·0	1009·2	1011·5	..	..	..	..	295·3	294·0	9th	..	..	*299·3*	21	..
927	Turyassu	1 43	45 27	15·0	1010·6	1012·3	+ 0·2	305·7	308·5	1st	295·5	294·6	6th	300·6	−0·3	*299·2*	2	− 24
928	Barra do Corda	5 31	45 16	81·0	1001·4	1010·7	− 0·1	308·3	310·2	23rd	293·4	289·5	7th	300·9	+0·7	*300·5*	3	− 1
929	Quixeramobim	5 16	39 15	207	989·7	1013·2	0·0	306·1	307·2	19th	296·6	295·0	7th	301·3	−0·3	*300·5*	0	− 4
930	Fernando Noronha	3 50	W32 55	95·0	1002·2	1013·3	+ 0·1	300·1	301·0	26th	296·4	295·3	28th	298·3	..	*297·4*	3	..
939	Loanda	8 49	E 13 13	59·3	..	1012·2	− 1·9	297·5	299·5	24th	293·2	291·5	3rd	295·3	+0·7	295·0	1	+ 25
940	Brazzaville	4 17	15 16	290	977·1	1010·1	..	304·3	307·5	4th, 23rd	291·5	289·5	4th	297·9	−0·3	*297·1*	46	
943	Masaka	0 21	31 47	?1280	..	..	..	296·5	299·7	3rd, 5th	?288·2	?287·2	2, 7, 21	?292·3	−0·6	*291·8*	91	+ 14
944	Nairobi	1 15	36 44	1800	..	..	..	295·8	298·6	20th	282·4	278·0	4th	289·1	−1·1	..	79	+ 16
944*a*	Zanzibar	6 10	39 11	21·9	1015·1	1017·5	− 0·7	301·4	303·2	21st	296·2	295·3	4th, 10th	298·8	+0·3	*297·3*	71	+ 3
945	Lamu	2 16	40 54	3·1	..	..	..	301·9	302·4	27th	297·4	296·9	1st	299·7	+0·4	*299·3*	35	− 127
947	Seychelles, Port Office	4 37	55 27	4·6	1011·5	1011·9	− 1·1	299·9	301·2	19th	297·6	296·6	23rd	298·7	−0·2	*298·2*	13	
957	Padang	0 56	100 22	6·7	..	1009·0	− 2·3	303·8	306·0	20th	296·2	294·2	15th	300·0	..	299·1	498	+ 83
958	Batavia	6 11	106 50	8·0	1008·3	1009·2	− 1·5	304·0	306·0	14th	296·5	295·4	5th, 25th	300·2	+0·3	299·7	77	+ 3
958*a*	Pontianak	0 1	109 20	2·6	..	1008·7	− 1·6	304·3	306·6	27th	296·3	294·7	20th	300·3	..	299·3	234	+ 30
959	Passeroean	7 38	112 55	5·0	..	1009·2	− 2·0	305·0	306·4	20th	294·8	292·6	1st	299·9	+0·5	300·1	0	+ 8
960	Kajoemas	7 56	114 9	1060	..	..	..	..	..	..	..	..	..	..	..	..	21	+ 7
962	Ambon	3 42	128 10	4·2	..	1009·3	− 1·7	301·2	304·5	30th	296·5	295·2	26th	298·9	+0·6	298·5	972	+ 753
963	Manokwari	0 52	134 20	19·0	..	1008·1	− 1·2	303·7	304·9	18th	297·1	295·5	11th	300·4	..	299·9	173	+ 58
965	Daru	9 4	143 13	7·6	..	1010·8	− 1·3	301·4	..	..	..	..	..	..	..	..	142	+ 97
966	Port Moresby	9 29	147 9	39·0	..	1009·6	− 2·3	302·7	..	..	296·6	..	..	299·6	+0·7	*299·2*	7	+ 26
967																		
968	Rendova	8 30	157 12	1·8	1009·2	1009·4	− 0·6	..	..	..	..	..	..	..	..	..	197	− 118
969	Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	1010·5	1010·7	+ 0·5	302·8	305·2	7, 27, 30	298·3	296·3	1st	300·6	+0·5	*300·2*	371	+ 180
970	Ocean Island	0 52	169 35	25·6	1005·2	1008·2	− 0·3	304·4	305·2	4th	297·3	296·3	22nd	300·9	0·0	*300·2*	16	− 83
		S.	E.															

SEPTEMBER—ZONE 10.

Between Latitude 10° S. and 20° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
		S.	W.															
1002	Apia, Samoa	13 48	171 46	2	..	1013·1	+ 1·3	302·1	302·9	23rd	296·1	294·3	9th	299·1	+0·4	298·7	193	+ 47
1003	Alofi, Niue Island	19 2	169 55	36·6	..	..	..	300·9	303·6	6th, 11th	290·1	288·0	11th	295·5	..	*294·8*	179	+ 53
1007	Makatea	15 47	148 14	47	1009·7	1015·1	..	302·3	305·5	..	294·3	291·5	..	298·3	..	*297·8*	97	+ 5
1021	Arequipa	16 22	71 33	2451	761·9	..	+ 0·5	293·3	294·8	1st	281·8	279·1	21st	287·6	−0·1	*287·0*	0	0
1022	Puerto de Arica	18 28	70 20	5	..	..	..	290·4	291·4	sev. dates	285·3	284·0	1st, 2nd	287·9	−0·4	*289·1*	0	..
1023																		
1024	Sucre, Bolivia	19 30	64 24	2848	730·0	..	..	293·2	297·0	17th	280·6	276·5	2nd	286·9	−1·7	*287·2*	8	− 12
1025	Corumba	19 0	57 39	116	996·0	1009·3	− 2·3	310·8	313·0	21st	..	..	..	..	..	*300·4*	35	− 23
1026	Cuyaba	15 36	56 6	165	989·7	1008·3	− 2·0	307·3	310·2	27th	297·3	290·2	1st	302·3	+1·9	*302·4*	26	− 25
1027	Bello Horizonte	19 55	43 55	857	919·8	1015·1	− 0·8	302·4	307·6	25th	289·2	284·4	7th	295·8	+2·0	*295·1*	3	− 33
1028	Caetite	14 2	42 36	900	916·7	1016·6	+ 0·5	302·4	306·7	28th	287·7	284·7	9th	295·1	+0·2	*295·8*	0	− 17
1029	Ondina (Bahia)	13 0	38 30	47·0	1010·5	1016·0	− 0·2	301·1	302·2	26th	293·5	292·3	9th	297·3	−0·2	*296·4*	60	− 26
1030	Aracaju	10 55	37 3	4·0	1016·3	1016·7	+ 0·5	301·3	302·4	11th	295·2	293·9	20th	298·3	−0·2	*298·1*	12	
1035	St. Helena	15 57	W 5 40	632	948·0	1020·1	+ 1·0	291·4	296·9	27th	284·7	283·6	3rd	288·1	+0·7	*287·8*	21	− 56
1042	Gwelo	19 28	E 29 47	1417	862·5	..	− 1·0	301·9	307·4	20th	..	..	..	..	..	..	6	+ 1
1043	Salisbury, Rhodesia	17 48	31 5	1457	858·5	..	− 0·8	302·7	307·3	20th	282·8	279·1	25th	292·7	+0·9	..	38	+ 30
1044	Zomba	15 23	35 18	?945	909·7	1014·5	− 0·9	300·8	306·3	20th	287·1	284·7	23rd	293·9	+0·2	*294·0*	1	− 12
1045	Tananarivo	18 55	47 32	1400	867·6	..	+ 0·2	296·5	303·1	19th	283·6	280·6	1st	290·1	−0·1	*288·6*	6	..
1046	Sainte-Marie	17 0	49 51	15	..	..	..	..	..	..	..	..	..	..	..	..	..	
1055	Cocos Keeling Is.	12 5	96 53	4·6	1011·8	1012·4	− 1·3	301·7	302·7	29th	297·8	295·4	15th	299·7	+0·5	*299·4*	16	− 101
1056																		
1057	Christmas Island	10 25	105 43	5·5	1008·1	1008·7	− 1·9	304·6	305·8	..	296·7	295·8	..	300·7	+1·0	*300·2*	154	+ 60
1058																		
1061	Koepang	10 10	123 34	45·1	..	1010·0	− 1·9	306·7	308·4	29th	295·7	292·9	9th	301·2	..	300·6	0	− 3
1061*a*	Derby	17 18	123 40	16·2	1010·5	1012·4	− 0·6	307·4	311·0	7th	293·4	289·3	3rd, 4th	300·4	+1·0	..	0	− 5
1062	Hall's Creek	18 13	127 46	374	971·7	1013·0	− 0·3	306·9	311·3	22nd	287·8	280·7	2nd	297·4	−0·2	..	0	+ 45
1063	Port Darwin	12 28	130 51	29·6	1007·4	1010·7	− 0·8	307·0	309·2	14th	296·8	294·9	4th	301·9	+0·7	*300·8*	58	0
1064	Daly Waters	16 16	133 23	211	987·1	1010·6	− 1·2	307·8	311·9	20th	290·8	285·8	1st	299·3	−0·3	*298·8*	0	0
1065	Mein	13 13	142 47	122	996·8	1010·5	− 1·2	304·2	309·2	28th	293·6	289·1	24th	298·9	+0·3	*298·2*	2	− 8
1066	Georgetown, Queensland	18 22	143 32	302	980·0	1014·0	− 0·1	304·1	307·4	30th	289·9	281·8	30th	297·0	−0·3	..	0	
1067	Samarai	10 37	150 40	15·2	..	..	..	300·4	..	..	296·4	..	..	298·4	−0·2	*298·0*	567	+ 267
1072	Suva, Fiji	18 8	178 26	16·8	1014·1	1016·0	+ 0·4	299·5	301·8	8th	294·2	293·0	24th	296·9	+0·3	*296·5*	346	+ 166
		S.	E.															

* Mean of max. and min. or of observations at fixed hours.

† Estimates not based on at least six equally-spaced observations each day are in *italics*.

SEPTEMBER—ZONE 11.

Table representing the Meteorology of the Globe between Latitude 20° S. and 30° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
		S.	W.															
1105 1106	Rarotonga (Avarua)	21 12	159 47	6	..	..	..	298·7	303·0	4th	292·4	288·0	11th	295·6	+0·7	*295·2*	139	+ 28
1121	Punta Tortuga, Coquimbo	29 56	71 21	27	1014·7	1017·9	+ 0·5	288·0	290·0	27th	282·7	281·0	4th, 6th	285·3	−0·1	*285·5*	21	+ 18
1122	Iquique	20 12	70 11	9	1015·8	1016·9	+ 0·5	291·0	292·4	21st	284·0	284·0	sev. dates	287·9	−0·9	*288·6*	0	0
1123	Catamarca	28 27	65 47	510	..	1010·4	− 1·0	302·8	313·9	16th	280·4	277·5	1st	294·6	+1·9	*294·2*	0	− 7
1124	Salta	24 46	65 28	1178	881·1	1010·4	− 1·3	299·2	308·5	17th	280·7	272·5	2nd	289·9	+1·2	*291·0*	5	− 1
1125	Goya	29 9	59 15	26	..	1013·5	− 2·3	298·9	311·0	21st	285·5	277·5	1st	292·2	+1·3	*291·7*	55	− 7
1126	Asuncion	25 21	57 37	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1127 1128	Curityba	25 25	49 17	908	914·3	1017·2	− 1·5	295·7	303·4	22nd	283·8	272·2	2nd	289·7	+1·2	*288·4*	139	+ 20
	Rio de Janeiro	22 54	W43 10	61·4	1008·5	1015·7	− 1·2	298·5	310·6	27th	293·0	289·0	2nd	295·7	+1·3	295·4	13	− 54
1139 1140	Windhoek	22 34	E 17 6	1665	..	..	..	297·2	301·6	28th	284·6	282·2	16th	290·9	−1·2	*290·8*	0	− 1
1141 1142	Kimberley	28 42	24 47	1202	883·8	..	− 0·9	299·2	305·4	27th	280·1	274·1	4th	289·6	+0·1	289·3	2	− 18
1142*a*	Johannesburg	26 11	28 4	1806	823·9	..	− 1·5	295·7	299·9	27th	281·9	274·9	21st	288·8	+0·6	*288·7*	0	− 24
1143	Pretoria	25 45	28 12	1338	872·6	..	..	298·9	301·9	14th	283·0	277·9	21st	291·0	..	..	0	− 82
1144	Durban	29 52	31 3	15·2	1017·2	1019·0	..	296·4	299·7	28th	288·5	285·2	22nd	292·4	+0·6	*291·9*	41	− 42
	Lorenzo Marques	25 58	32 36	59·5	..	1018·7	− 0·1	300·4	309·0	3rd	289·0	284·6	22nd	294·7	+0·3	294·2	2	− 27
1147	Mauritius	20 6	57 33	55·2	1013·0	1019·6	− 0·6	297·3	299·5	23rd	290·7	287·4	8th	294·0	−0·3	293·6	66	+ 33
1159 1160	Onslow	21 43	114 57	4·3	1012·1	1012·6	− 1·9	305·1	309·4	4th	289·2	285·4	6th	297·1	+2·6	..	0	− 1
1161	Peak Hill	25 38	118 47	588	947·9	1013·1	− 1·5	301·9	307·3	9th	287·9	279·1	22nd	294·9	+3·1	..	0	− 6
1162	Nullagine	21 53	120 5	386	970·2	1012·9	− 1·2	305·6	309·7	19th	286·7	279·7	3rd, 4th	296·1	+1·2	..	0	0
1163	Laverton	28 40	122 23	466	965·1	1017·9	+ 1·3	299·6	307·2	8th	285·6	276·7	22nd	292·6	+2·8	..	1	− 7
1164	Alice Springs	23 38	133 37	587	950·6	1016·4	+ 1·4	299·8	307·2	21st	282·8	275·8	1st, 2nd	291·3	−0·3	*291·5*	10	0
1164*a*	William Creek	28 55	136 21	76·2	1010·4	1019·4	+ 2·5	298·1	307·4	16th	283·7	277·4	26th	290·9	+0·9	*290·9*	15	+ 4
	Boulia	22 55	139 38	146	998·5	1015·2	+ 1·0	302·4	307·7	22nd	287·8	281·6	1st	295·1	+0·8	..	0	− 9
1165 1166	Thargomindah	27 58	143 43	123	1003·7	1018·0	..	296·9	302·7	22nd	284·7	279·7	1st	290·8	..	..	18	..
1167	Mitchell	26 32	147 52	336	..	..	..	297·1	301·1	14th	281·7	272·5	11th	289·4	0·0	..	9	− 25
1168	Rockhampton	23 24	150 30	11·3	1016·3	1017·6	+ 0·6	299·1	304·2	30th	287·9	284·0	11th	293·5	−0·7	*292·8*	23	− 11
1169	Brisbane	27 28	153 2	11·6	1019·3	1020·6	+ 3·5	296·1	299·2	13th	285·6	280·7	12th	290·8	−0·7	*290·1*	71	+ 19
1170	Quitchambo	21 52	166 3	38	1011·6	1016·1	..	299·7	303·0	8, 25, 30	288·1	282·0	14th	293·9	..	..	314	+ 221
	Norfolk Island	29 5	167 53	15·2	1020·4	1021·9	+ 2·4	292·4	295·7	29th	288·4	286·9	16th	290·4	+0·3	*290·0*	74	− 42
		S.	E.															

SEPTEMBER—ZONE 12.

Between Latitude 30° S. and 40° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
		S.	W.															
1221	Juan Fernandez	33 37	78 50	10	..	..	..	287·1	289·0	sev. dates	282·0	279·5	19th	284·5	−1·2	*284·8*	73	+ 3
1221*a*	Punta Tumbes	36 37	73 6	91	1007·9	1019·1	− 0·1	286·4	288·6	9th	278·5	276·0	17th	282·5	−1·4	*282·5*	69	+ 19
1222	Punta Angeles, Valparaiso	33 1	71 1	41	1013·6	1018·4	+ 0·2	290·1	297·0	6th	280·8	277·0	11th	285·5	−1·5	*284·7*	52	+ 21
1222*a*	Santiago	33 27	70 42	520	957·1	1018·3	+ 0·5	292·7	299·6	7th	277·3	274·5	11th	285·0	−0·4	*283·9*	24	− 6
1223	Cordoba	31 25	64 12	423	963·9	1013·0	− 2·8	299·9	309·5	..	280·0	271·8	..	289·9	+1·9	289·7	0	− 23
1224	Bahia Blanca	38 45	62 15	25	..	1013·8	− 3·5	292·6	300·5	14th	280·3	275·8	7th	286·5	+0·8	286·0	20	− 21
1225	Buenos Ayres	34 40	58 22	25	..	1015·1	− 3·3	293·5	302·3	17th	280·3	273·2	1st	286·9	+2·0	288·4	46	− 33
1226*a*	Montevideo (Prado)	34 53	56 12	24·9	1012·9	1014·7	− 2·9	..	302·0	..	..	271·8	..	..	−0·1	*285·8*	123	+ 38
	Rio Grande	32 2	W52 9	2	1014·1	1014·4	− 0·7	290·7	297·5	21st	285·3	279·5	8th	288·0	−0·5	*288·3*	83	− 26
1239 1240	Cape Town	33 56	E 18 29	11·3	..	1018·8	− 0·6	291·9	300·0	24th	282·8	279·6	17th	287·4	0·0	*286·1*	46	− 11
1241	Danger Point	34 37	19 18	19·5	..	..	..	290·1	295·8	30th	284·2	280·8	21st	287·2	..	..	40	..
1242	Heidelberg	34 37	20 58	30·5	..	..	..	295·6	303·6	25th, 27th	281·8	277·4	15, 18, 23	288·7	..	..	16	− 25
	East London	33 2	27 53	9·8	1016·6	1017·7	− 1·9	294·7	308·6	1st, 2nd	285·8	281·3	21st, 22nd	290·3	+0·7	..	24	− 52
1259 1260	Perth (Observatory)	31 57	115 50	60·0	1013·1	1020·2	+ 2·3	294·1	301·4	6th, 10th	284·2	277·8	20th	289·1	+1·5	..	9	− 76
1261	Katanning	33 42	117 35	310	984·4	1020·8	+ 4·0	293·1	302·1	10th	280·2	273·8	20th	286·6	+1·6	..	4	− 46
1262	Coolgardie	30 57	121 10	423	970·9	1019·7	+ 2·9	295·6	305·2	6th	284·1	278·3	23rd	289·8	+2·0	..	35	+ 20
1263	Eucla	31 45	128 58	4·6	1019·9	1020·5	+ 3·8	292·3	300·0	19th	284·8	279·6	2nd	288·6	+0·5	..	20	+ 1
1264	Streaky Bay	32 48	134 13	13·1	1020·2	1021·8	+ 4·2	293·2	302·4	19th	283·0	276·9	30th	288·1	+0·8	..	35	0
	Adelaide	34 56	138 35	42·7	1016·1	1021·2	+ 3·7	292·4	304·1	19th	283·2	277·3	30th	287·8	+0·9	*287·6*	43	− 7
1265 1266	Melbourne	37 49	144 58	35·1	1015·4	1019·6	+ 3·8	289·8	300·6	20th	282·4	276·3	18th	286·1	+0·8	285·3	201	+ 140
1267	Bourke	30 13	145 58	110	1007·8	1020·8	+ 3·7	297·4	304·7	16th, 17th	282·8	276·9	12th	290·1	0·0	..	38	+ 18
1268	Sydney	33 52	151 12	44·5	1013·8	1019·2	+ 3·1	292·7	301·4	16th	284·7	280·9	11th, 12th	288·7	+0·7	..	115	+ 41
	Lord Howe Island	31 32	159 4	4·6	1020·7	1021·2	..	293·6	295·8	18th, 26th	286·3	282·0	13th	289·9	..	..	112	− 22
1271 1272	Auckland	36 50	174 50	38·1	..	1021·6	..	288·9	293·6	29th	283·0	278·0	16th	285·9	+0·3	..	68	− 24
	Napier	39 32	176 53	21·3	..	1020·2	+ 6·1	291·3	295·8	28th	280·8	275·8	20th	286·1	+1·0	..	41	0
		S.	E.															

SEPTEMBER—ZONE 13.

Between Latitude 40° S. and 50° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
		S.	W.															
1301 1321	Chatham Island	43 52	176 42	104	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1322	Isla Huafo	43 34	74 45	140	996·8	1013·9	− 3·5	281·3	283·2	4th	277·6	275·0	16th	279·5	−1·3	*280·0*	110	+ 37
1323	Punta Galera	40 1	73 44	40	1013·4	1018·3	+ 0·1	284·3	288·0	28th	278·8	275·9	18th	281·5	−0·9	*281·7*	176	− 1
1324	Sarmiento	45 30	69 0	274	..	1005·8	..	286·2	290·6	7th	277·0	272·0	18th	281·6	+0·1	280·6	14	..
	Punta Madryn	42 49	W64 58	14	..	1009·5	..	290·8	297·6	7th	277·0	272·0	18th	283·9	+0·2	283·8	13	+ 3
1369 1366	Launceston	41 27	E147 10	10·1	1016·3	1017·5	+ 5·9	287·7	295·6	20th	279·2	273·3	14th	283·4	+0·2	..	79	+ 4
	Hobart	42 53	147 20	53·9	1010·0	1016·4	+ 5·8	287·2	298·1	20th	279·7	275·6	28th	283·4	0·0	*282·5*	73	+ 19
1370 1371	Invercargill	46 25	168 21	5·5	..	..	..	286·5	292·4	26th	277·7	272·4	10th	282·1	+0·3	..	160	+ 82
1371*a*	Dunedin	45 52	170 31	91·4	..	1013·7	+ 2·4	288·4	297·4	23rd	278·2	273·0	14th	283·3	+2·0	..	44	− 25
1372	Christchurch	43 32	172 38	7·6	..	1016·2	+ 3·6	289·1	295·4	24th	277·2	272·2	23rd	283·2	+0·8	..	40	− 6
	Wellington	41 16	174 46	2·4	..	1019·5	+ 6·7	287·6	290·5	5th	281·2	275·5	16th	284·4	+0·5	..	74	− 30
		S.	E.															

* Mean of max. and min. or of observations at fixed hours.

† Estimates not based on at least six equally-spaced observations each day are in *italics*.

SEPTEMBER—ZONE 14. Table representing the Meteorology of the Globe between Latitude 50° S. and 60° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
		S.	W.															
1421	Islota de los Evangelistas	52 24	75 6	55	989·8	996·5	− 7·4	279·6	281·0	7th	275·6	272·6	14th	277·6	−0·4	*277·6*	297	+ 74
1422	Puerto de Punta Arenas	53 10	70 54	4	994·4	994·9	− 0·2	281·5	287·0	24th	274·1	269·7	15th	277·8	+0·1	277·7	26	− 15
1423	Punta Dungeness	52 24	68 26	5	1000·0	1000·6	− 3·2	282·4	287·2	24th	274·8	273·1	2nd, 30th	278·6	+1·0	*278·6*	1	− 12
1424	Santa Cruz	52 22	68 21	12	..	999·8	− 7·3	285·9	293·2	21st	273·9	267·5	29th	279·9	+0·5	279·7	1	− 4
1424*a*	Año Nuevo	54 39	64 9	50	986·1	992·2	..	279·4	281·6	25th	274·7	269·1	17th	277·1	..	277·0	29	..
1425	Stanley, Falkland Is.	51 41	57 51	4	..	..	..	..	..	..	..	..	..	..	..	..	30	− 2
1426	Cape Pembroke	51 41	57 42	21	..	996·6	− 9·4	279·8	283·0	20th	273·9	269·7	18th	276·9	−0·1	277·0	..	..
1429	S. Georgia(CumberlandBay)	54 14	36 33	4	996·8	997·3	− 4·5	276·3	282·6	21st	270·3	266·0	6th	273·3	−0·2	*272·9*	123	+ 41
		S.	W.															

SEPTEMBER—ZONE 15. Between Latitude 60° S. and 70° S.

1527	South Orkneys	S. 60 44	W. 44 39	6·1	..	993·5	+ 0·8	..	274·7	..	..	246·4	..	..	−5·1	261·8	20	− 9
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Estimates not based on at least six equally-spaced observations each day are in *italics*.

DAILY OBSERVATIONS OF WIND WITHIN THE TROPICS.—SEPTEMBER 1916.

Date.	St. Helena. 1035. Direction.	St. Helena. 1035. *Mean Velocity for the Day.	Fanning Island. 805. Direction and Force.	Sierra Leone. 834. Direction and Force.	Entebbe. 844. Direction and Force.	Malden Island. 905. Direction and Force.	Tulagi. 969. Direction and Force.	Ocean Island, 970. Direction and Force.	Suva, Fiji. 1072. Direction and Force.
	9h.	m/s.	9h. 21h.	9h. 17h.	9h. 21h.	9h.	9h.	9h. 21h.	9h.
1	SSE	11·2	.. ..	SE 1 Calm 0	W 3 W 2	E 2	SE 2	ESE 5 ESE 4	SE 3
2	SE	10·4	.. ..	Calm 0 Calm 0	SW 2 SW 2	E 2	SE 4	E 4 E 4	SE 4
3	SSE	10·9	.. ..	NW 1 W 1	W 3 W 3	E 2	Calm 0	E 4 E 5	SE 2
4	SE	8·2	.. ..	W 1 SW 3	W 3 W 3	ESE 2	Calm 0	E 5 E 5	SE 3
5	SE	8·3	.. ..	SW 1 SW 1	W 2 W 2	E 2	SE 2	E 5 E 5	E 2
6	SE	11·4	.. ..	SW 1 SW 1	N 2 W 3	ESE 2	SE 4	E 5 E 5	NE 3
7	SSE	9·9	.. ..	SW 1 SW 2	W 3 W 3	ESE 2	SE 4	E 5 E 5	N 3
8	SE	10·6	.. ..	SW 1 W 1	SW 3 SW 2	ESE 2	SE 4	E 5 E 5	NE 3
9	SSE	11·9	.. ..	Calm 0 W 2	W 2 W 2	ESE 2	SE 4	E 5 E 4	SE 3
10	SE	9·6	.. ..	Calm 0 Calm 0	W 2 W 4	SE 2	SE 4	E 6 E 5	SE 3
11	SE	—	.. ..	W 1 Calm 0	W 3 SW 2	E 3	SE 6	ESE 5 E 4	SE 1
12	ESE	—	.. ..	W 1 W 1	W 3 SW 2	ESE 2	SE 4	E 4 E 5	E 1
13	SE	9·5	.. ..	E 1 Calm 0	E 6 SW 2	ESE 2	SE 6	E 4 E 5	SW 4
14	SE	7·1	.. ..	Calm 0 Calm 0	W 3 SW 3	E 2	SE 2	ESE 4 E 4	S 3
15	SSE	7·8	.. ..	E 1 Calm 0	SW 2 W 2	ESE 3	Calm 0	E 5 E 4	SE 4
16	SE	6·2	.. ..	Calm 0 Calm 0	W 3 W 3	E 3	SE 4	SE 6 E 6	SE 4
17	SE	3·2	.. ..	W 2 W 2	SW 3 SW 3	ESE 4	SE 2	ESE 5 ESE 5	SE 4
18	SSE	7·7	.. ..	W 2 W 1	SW 3 W 2	ESE 4	SE 4	ESE 6 ESE 5	SE 4
19	SE	9·2	.. ..	W 2 Calm 0	E 5 W 3	ESE 6	SE 4	E 4 E 4	SE 5
20	SE	9·0	.. ..	W 2 Calm 0	E 6 W 3	ESE 2	SE 6	E 5 E 5	SE 4
21	SE	8·8	.. ..	W 1 W 2	W 3 W 3	ESE 4	S 4	E 4 E 4	SE 4
22	SE	9·2	.. ..	W 1 Calm 0	SW 3 SW 2	E 2	Calm 0	ESE 4 E 3	SE 2
23	SE	4·9	.. ..	E 1 E 1	W 2 W 2	E 3	SE 4	E 5 E 5	SE 1
24	SE	5·9	.. ..	W 1 W 1	W 3 W 3	E 2	E 4	E 5 E 4	NE 0
25	SE	4·1	.. ..	W 1 Calm 0	Calm 0 SW 2	E 2	SE 2	E 4 ESE 6	Calm 3
26	SE	4·6	.. ..	E 1 Calm 0	SW 2 W 3	ESE 2	SE 4	E 6 E 3	SE 3
27	SE	6·1	.. ..	E 1 E 1	W 3 W 3	ESE 2	SE 2	E 5 E 4	SE 3
28	SE	10·1	.. ..	E 1 E 1	W 3 W 3	E 2	Calm 0	E 3 E 3	E 3
29	SE	8·5	.. ..	E 1 E 1	W 3 SW 3	NE 3	Calm 0	SE 3 E 3	NE 3
30	SE	8·1	.. ..	E 1 Calm 0	W 3 W 2	E 3	SE 2	E 3 E 2	E 4
Mean	..	8·3	.. ..	1·0 0·7	2·9 2·6	2·5	3·0	4·6 4·3	3·0
†Resultant	140° (96)	..	..	295° (23)	250° (81)	100° (92)	135° (77)	95° (96)	120° (71)
†Normal	143° (91)	8·8	127° (77)	260° (33)	255° (29)	89° (88)	133° (81)	102° (48)	102° (59)

* Velocity of South East Trade Wind at 632 metres.
† Direction and "constancy." For explanation see Introduction.

STATE OF ICE IN THE ARCTIC SEAS AND IN THE NORTH ATLANTIC.—SEPTEMBER 1916.

* *Spitsbergen.*—A belt of washed ice about 6 miles broad extended from Bell Sound to Icefiord. Towards the end of the month no ice was seen between the Icefiord and South Cape.

* *Greenland Sea, Iceland and Denmark Strait.*—The coasts of Iceland and Grimsey were free of ice, which is usual for this month and no ice was seen near Angmagsalik. Some bergs were met with in the Denmark Strait, about 80 miles offshore.

North Atlantic and Labrador.—A few bergs were observed in Belle Isle Strait but none on the Newfoundland Banks.

* *Davis Strait.*—No ice was seen round C. Farewell and except for a few bergs in Julianehaab Bay no ice was observed along the west coast of Greenland to north of Upernivik. Bergs were unusually scarce in Disko Bay.

* *Melville Bay.*—The ice was still very heavy and close but one of the ice-bound ships managed to free herself on the 11th.

* *Beaufort Sea.*—The edge lay about 10 miles off Point Barrow and about 60 miles off Icy Cape. From here it curved NW and later N. To the N. of Herald Island the ice was met with between 71° 30′ N and 72° 30′ N, the edge being very curved.

* *Isforholdene i de arktiske Have, 1916*, published by the Danish Meteorological Institute.

RÉSEAU MONDIAL, OCTOBER 1916

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF OCTOBER 1916 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE.

Between Latitude 80° N. and 70° N. OCTOBER—ZONE 1.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
		N.	W.															
123	Inglefield Bay	77 20	67 30	?	1003·4	..	− 5·4	..	..	..	..	..	..	..	..	*261·5*	2	..
124	Upernivik	72 47	W56 7	18·9	1001·2	1003·6	− 5·2	270·0	275·3	1st	264·5	260·3	22nd	267·3	−1·9	*267·1*	33	+ 7
125																		
126																		
139	Spitsbergen(GreenHarbour)	78 2	E 14 14	11·4	1004·3	1005·8	− 4·4	..	276·4	29th	262·8	250·3	18th	..	−0·8	266·0	46	+ 17
140																		
141	Gjesvaer	71 6.	25 22	6·5	1005·6	1006·4	− 0·4	..	278·1	20th	271·8	268·6	10th	..	−1·2	*273·8*	88	+ 10
142	Mehavn	71 1	27 47	6·4	1006·2	1007·0	− 1·2	..	277·7	29th	270·8	267·8	16th	..	−0·9	*273·5*	44	− 37
143	Vardö	70 22	31 8	10·0	1007·2	1008·5	+ 1·3	..	275·8	25th	271·3	268·8	10th	..	−1·2	*273·3*	25	− 41
147																		
148	Malye Karmakouly	72 23	52 43	14·8	1001·4	1003·3	− 4·9	..	275·2	10th	..	..	..	..	+0·3	*269·8*	29	− 1
	Waigatz	70 24	58 47	11·2	1007·1	1008·5	+ 1·3	274·0	279·3	22nd	268·4	259·5	18th	271·2	..	*270·9*	16	..
		N.	E.															

Between Latitude 70° N. and 60° N. OCTOBER—ZONE 2.

203	Nome	64 31	165 24	4·6	1002·7	1003·3	− 2·2	277·0	280·8	..	271·9	261·9	..	274·4	+2·6	..	85	+ 48
204	Candle	65 55	161 57	2·4	..	..	..	272·1	279·1	7th	266·1	254·1	29th	269·1	..	..	31	..
205	Tanana	65 8	152 0	73·8	999·5	1008·9	0·0	273·1	281·9	..	265·9	244·1	..	269·5	+1·8	..	99	+ 76
206	Rampart	65 30	150 15	122	..	..	..	273·7	283·0	4th	266·9	243·6	31st	270·3	..	..	73	+ 49
207	Valdez	61 7	146 16	8·2	1009·1	1010·1	+ 4·0	279·3	284·1	..	274·3	268·6	..	276·8	+1·0	..	326	+168
208	Eagle	64 46	141 12	248	977·4	1008·1	− 0·1	275·7	284·1	..	268·9	254·7	..	272·3	+3·1	..	24	+ 6
209	Dawson	64 4	139 20	328	970·0	1010·6	+ 0·5	274·7	280·8	10th	269·1	257·4	31st	271·9	+2·2	..	25	− 9
210	Carcross	60 11	134 34	662	..	..	..	280·9	288·6	5th, 10th	271·6	260·8	31st	276·3	+1·9	..	9	− 15
211	Fort Good Hope	66 15	128 53	65·2	1003·4	1011·8	..	274·5	285·2	7th	266·1	256·3	31st	270·3	..	..	18	..
212	Fort Simpson	61 52	121 35	129	993·2	1009·1	..	275·8	286·9	10th	267·4	259·7	31st	271·6	+2·6	*271·8*	105	+ 82
213	Hay River	60 51	115 20	161	989·8	1009·8	..	276·9	291·9	10th	268·6	260·2	16th	272·7	−0·1	..	17	..
214																		
225	Jacobshavn	69 13	51 2	12·6	?1001·0	?1002·5	− 6·2	..	..	..	..	..	..	..	..	..	50	+ 26
226	Godthaab	64 11	51 44	9·0	997·1	998·3	− 6·9	274·2	281·0	1st	269·3	264·4	25th, 27th	271·7	−0·2	*271·9*	52	− 11
227	Ivigtut	61 12	48 10	5·0	998·7	999·3	− 5·8	..	..	..	271·1	263·6	25th	..	+0·3	*274·2*	98	− 50
229	Angmagsalik	65 37	37 34	31·7	994·2	998·1	− 8·1	275·4	284·6	2nd	270·4	264·6	21st	272·9	+0·7	*273·1*	116	− 48
231	Stykkisholm	65 5	22 46	11·3	996·2	997·6	− 7·8	280·2	283·7	18th	275·0	270·3	16th	277·6	+1·5	*277·7*	41	− 36
232	Vestmanno	63 26	20 15	7·7	995·9	996·8	− 8·6	281·1	283·7	18th	275·8	271·8	16th	278·5	+0·6	*279·0*	109	− 40
233	Grimsey	66 33	17 58	22·0	..	..	..	279·3	284·7	19th	274·4	267·3	15th	276·9	+1·2	*276·9*	16	− 20
233*a*	Akureyri	65 40	18 4	6·8	999·0	999·8	6·9	..	..	..	..	..	..	..	..	..	..	..
234	Berufjord	64 40	14 19	18·0	997·8	1000·0	− 6·4	280·2	285·2	19th	274·2	267·9	16th	277·2	+1·0	*277·5*	120	− 7
235	Thorshavn	62 3	6 45	25·7	997·4	1000·5	− 7·2	281·9	285·2	20th	277·5	271·2	16th	279·7	+0·1	*280·1*	150	− 10
236	Lerwick	60 9	W 1 8	18·0	999·6	1001·7	− 6·6	283·0	285·2	11, 12, 14	279·4	272·4	16th	281·2	+0·3	*281·2*	213	+113
237	Bergen (Met. Obs.)	60 24	E 5 19	44·4	1000·2	1005·6	− 4·3	..	286·5	31st	277·6	271·5	17th	..	−0·4	*280·1*	268	+ 63
238	Christiansund	63 7	7 45	17·8	1003·4	1005·5	− 2·9	..	286·4	31st	277·3	273·0	18th	..	−0·5	*279·5*	140	− 8
239	Trondhjem	63 26	10 25	39·5	1002·6	1007·5	− 1·5	..	285·0	10th	273·8	265·6	19th	..	−1·6	*276·4*	74	− 37
240	Bodö	67 17	14 24	22·4	1004·6	1007·4	− 0·4	..	280·0	10th	272·8	269·0	7th	..	−1·6	*275·6*	74	− 34
241	Haparanda	65 50	24 9	9·2	1010·5	1011·7	+ 1·4	274·2	278·5	4th	268·9	260·5	20th	271·5	−2·6	*271·7*	47	− 9
242	Helsingfors	60 10	24 57	12·0	1010·3	1011·8	− 1·7	278·1	282·5	10th, 15th	273·7	270·7	3rd	275·9	−2·3	276·1	72	+ 6
242*a*	Kuopio	62 54	27 40	90·3	1001·0	1012·3	− 0·3	275·8	279·0	16th	270·6	267·1	19th	273·2	−2·9	*273·2*	58	+ 9
243	Kola	68 53	33 1	6·7	1010·3	1011·2	+ 2·2	272·9	275·5	24th	267·1	259·6	21st	270·0	−2·3	*270·2*	12	− 15
244	Petrozavodsk	61 47	34 23	38·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
245	Arkhangelsk	64 35	40 36	5·8	1013·6	1014·3	+ 2·0	274·6	279·4	23rd	270·4	263·9	10th	272·5	−1·8	*272·4*	24	− 16
246	Mezen	65 50	44 16	12·6	1012·2	1013·8	+ 2·9	273·2	278·0	23rd	267·8	258·8	10th	270·5	−1·7	*270·7*	24	− 4
247	Oust-Tsylma	65 25	52 14	? 70	1006·6	1015·5	+ 2·5	273·0	278·2	23rd, 24th	268·4	261·2	28th	270·7	−0·7	*270·8*	18	..
248	Tcherdyn	60 24	56 31	?177	997·2	1019·5	+ 3·7	275·2	282·5	18th	270·3	259·9	30th	272·8	−0·1	*272·7*	78	+ 27
249	Berezov	63 56	65 4	39·9	1012·0	1017·1	+ 4·0	..	280·0	18th	267·2	254·5	30th	..	+1·3	*270·7*	40	+ 16
250	Obdorsk	66 31	66 35	23·7	1010·8	1013·8	+ 2·2	..	276·3	1st	267·1	256·3	30th	..	+1·4	*269·6*	28	+ 10
251	Sourgout	61 15	73 24	? 40	1013·9	1019·0	+ 4·7	..	287·4	5th	269·6	255·7	28th	..	+2·1	*272·6*	39	+ 6
252																		
253	Doudinka	69 23	86 4	20	1004·6	1007·1	− 4·0	..	281·7	2nd	266·0	252·0	28th	..	..	*268·4*	34	..
254	Touroukhansk	65 47	87 57	45	1008·6	1014·3	+ 0·7	..	285·4	2nd	266·8	243·2	30th	..	+3·1	*269·5*	80	+ 49
261	Olekminsk	60 22	120 26	155	996·7	1016·4	− 2·0	..	283·3	8th	267·1	248·5	31st	..	+2·6	*270·8*	14	− 2
262	Iakoutsk	62 1	129 43	108	1001·1	1015·0	− 3·4	..	280·0	5th	264·1	246·8	30th	..	+3·8	*268·2*	25	+ 6
263	Verkholansk	67 33	133 23	100	992·2	1005·1	− 6·7	..	279·5	5th	259·0	236·3	30th	..	+6·1	*264·1*	3	− 5
264	Oust-Maiskoe	60 25	134 29	?100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
271																		
272	Markovo-sur-Anadyr	64 45	170 50	25·0	1007·5	1010·8	− 2·3	267·1	275·2	17th	257·1	240·2	30th	262·1	−0·5	..	25	+ 14
	Novo-Mariinskii Post	64 45	177 33	5·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N.	E.															
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Estimates not based on at least six equally-spaced observations each day are in *italics*.

OCTOBER—ZONE 3.

Table representing the Meteorology of the Globe between Latitude 60° N. and 50° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
		N.	W.															
303	Dutch Harbor	53 54	166 32	4·0	..	..	..	281·5	291·3	..	276·5	271·3	..	279·0	+0·7	..	261	+ 45
304																		
305	Kodiak	57 47	152 22	1·8	1004·9	1005·1	+ 3·6	282·9	287·4	..	279·0	271·9	..	281·0	..	..	223	+ 50
306																		
309	Sitka	57 4	135 20	27·4	1010·2	1013·5	+ 5·1	284·4	289·7	..	278·1	273·6	..	281·3	+0·7	..	456	+158
310	Prince Rupert	54 18	130 18	51·8	1009·3	1015·7	+ 3·9	284·1	289·7	9th	278·6	274·1	1st, 6th	281·3	0·0	..	341	− 2
311	Barkerville	53 2	121 35	1274	871·6	..	..	279·1	289·1	9th	270·2	261·3	2nd	274·7	−1·4	*274·6*	82	− 8
312	Kamloops	50 42	120 29	385	976·6	1023·1	+ 3·0	286·3	295·2	16th	274·1	268·6	4th, 24th	280·2	−1·6	*280·0*	2	− 13
313	Calgary	51 2	114 2	1045	894·9	..	..	284·7	296·3	15th	271·9	265·2	4th	278·3	−0·2	*278·2*	30	− 14
314	Fort Chipewyan	58 42	111 10	218	986·1	1013·5	..	278·0	289·1	10th	269·7	258·6	16th, 28th	273·8	−0·1	*274·1*	10	− 9
315	Prince Albert	53 10	106 0	442	961·0	1015·0	+ 1·4	280·2	290·8	5th	270·2	261·3	22nd	275·2	−1·3	*274·8*	48	+ 27
316	Qu'Appelle	50 30	103 47	645	937·5	1015·1	+ 0·7	279·7	295·2	13th	270·2	261·9	19th	274·9	−3·0	274·2	71	+ 43
317	Minnedosa	50 15	99 50	515	953·8	1016·6	+ 1·5	279·7	290·8	6th	270·2	257·4	20th	274·9	−2·7	*274·0*	76	+ 50
318	Berens River	52 18	97 23	216	..	..	..	280·8	288·0	3rd	269·1	261·9	19th, 30th	274·9	−2·6	*274·1*	43	+ 10
318*a*	Port Nelson	57 4	92 36	14·9	1011·0	1012·9	..	273·0	279·1	11th	265·2	249·7	27th	269·1	..	..	42	..
319	Fort Hope	51 33	87 49	335	982·7	1015·6	..	277·4	292·4	4th	268·6	255·8	21st	273·0	−2·5	..	48	+ 2
320	Moose Factory	51 14	80 30	9·1	1011·3	1012·4	− 2·5	280·2	294·1	5th, 6th	271·9	263·6	27th	276·1	−1·5	..		
321	Fort George	53 50	79 5	?	..	..	..	276·4	284·7	1st	270·5	264·7	20th	273·4	..	..	..	..
322	Mistassini Post	50 15	73 55	383	..	..	..	278·3	293·0	5th	271·6	265·2	16th, 23rd	274·9	..	..	78	..
323	Hebron	58 12	62 21	15·0	1011·1	1013·0	+ 4·1	..	..	..	270·0	263·8	..	..	..	*271·7*	20	..
324	Natashquan	50 8	61 48	?	..	..	..	281·1	292·4	1st	272·8	266·9	19th	276·9	..	..	167	
325																		
326	Belle Isle	51 23	55 23	133	..	..	..	..	..	..	..	..	..	..	..	..	..	..
334	Cahirciveen (Valencia Obs.)	51 56	10 15	13·7	1005·0	1006·7	− 5·3	287·0	290·8	3rd	283·4	279·1	25th	285·2	+1·4	285·4	273	+131
335	Aberdeen	57 10	2 6	26·8	1000·4	1003·7	− 6·6	284·6	292·4	12th	279·3	271·9	17th	281·9	+0·4	282·1	93	+ 17
336	Greenwich	51 28	W 0 0	48·5	1006·3	1012·2	− 0·9	288·4	293·6	5th	281·0	271·3	21st	284·7	+1·4	284·4	68	+ 4
337	Uccle	50 48	E 4 22	100	1002·3	1014·5	0·0	286·7	292·0	5th	280·1	270·5	21st	283·4	−0·1	283·4	74	− 4
338	De Bilt	52 6	5 11	3·0	1013·1	1013·5	0·0	286·6	291·8	5th	280·2	270·0	21st	283·4	+0·9	283·3	93	+ 25
338*a*	Hamburg	53 33	9 58	40	1008·6	1013·5	− 0·6	285·3	291·5	7th	279·7	273·5	23rd	282·5	−0·2	*282·1*	145	+ 77
339	Copenhagen	55 41	12 36	5·0	1011·0	1011·6	− 1·8	283·4	289·7	7th	279·1	273·3	18th	281·3	−0·1	*281·5*	66	+ 9
340	Potsdam	52 23	13 4	84·9	1005·2	1015·7	+ 0·2	285·7	292·3	7th	277·9	269·9	21st	281·8	−0·1	281·4	34	− 13
340*a*	Upsala	59 51	17 38	24·0	1007·6	1010·5	− 1·7	280·1	286·4	15th	274·1	268·3	3rd	277·1	−1·0	277·2	74	+ 21
341	Warsaw	52 13	21 1	133	1001·2	1017·5	+ 0·5	283·1	292·8	15th	277·3	269·7	19th	280·2	−0·9	280·1	92	+ 50
342	Jurjev	58 23	26 43	74·5	1003·8	1013·1	− 2·3	279·0	285·5	7th	273·3	269·0	1st	276·1	−2·0	275·9	56	+ 11
343	Petrograd	59 56	30 16	4·8	1012·4	1013·0	− 1·2	277·6	284·9	16th	273·2	268·6	28th	275·4	−2·8	*275·1*	81	+ 36
344	Kiev	50 27	30 30	183	996·7	1019·1	− 0·5	284·4	295·3	16th	277·6	270·9	3rd	281·0	0·0	*280·8*	97	+ 52
344*a*	Moscow	55 50	37 33	167	996·2	1017·0	− 2·2	279·9	287·6	16th	273·2	265·5	30th, 31st	276·6	−1·2	*276·5*	110	+ 23
345	Saratov	51 32	46 3	59·9	1014·2	1021·7	+ 0·8	..	288·7	8th	..	..	..	..	−0·3	*278·9*	61	+ 15
346	Kazan	55 47	49 8	79·9	1011·2	1021·2	+ 2·6	280·3	286·1	10th	273·4	266·3	29th	276·8	−0·4	*276·6*	39	+ 13
347	Orenburg	51 45	55 6	109	1011·4	1025·0	+ 4·1	283·5	294·1	4th	273·6	261·6	31st	278·6	+1·3	*278·2*	16	+ 14
348	Perm	58 1	56 16	163	1000·6	1021·0	+ 3·9	278·4	284·8	4th	271·7	259·7	31st	275·0	+0·6	*274·7*	61	
349	Ekaterinburg	56 49	60 38	281	987·1	1022·0	+ 3·6	278·4	286·2	1st	271·5	260·8	31st	275·0	+0·8	*274·8*	17	− 18
350	Tobolsk	58 12	68 14	108	1009·2	1023·0	+ 5·6	279·0	292·4	1st	270·6	256·8	31st	274·8	+1·1	*274·3*	16	− 3
351	Akmolinsk	51 12	71 23	?347	982·4	1025·2	+ 1·1	282·6	298·5	1st	270·5	255·3	30th	276·6	+1·1	*276·1*	22	− 13
352	Omsk	54 58	73 23	87·9	1013·1	1024·3	+ 4·8	280·8	299·0	1st	269·7	254·5	29th	275·2	+0·4	*274·7*	9	− 9
353	Barnaoul	53 20	83 48	162	1005·4	1025·6	+ 2·5	282·8	298·3	2nd	269·7	259·6	31st	276·2	+0·7	*275·6*	23	− 32
354	Tomsk	56 30	84 58	122	1008·6	1024·0	+ 4·2	..	295·3	2nd	269·8	252·5	31st	..	+1·3	*274·4*	23	
355	Minousinsk	53 43	91 41	249	994·6	1025·6	+ 2·1	..	289·3	1st	269·3	261·9	26th	..	..	*274·8*	16	− 6
356	Eniseisk	58 27	92 10	77·6	1012·4	1022·3	+ 2·4	..	290·0	2nd	269·1	254·2	30th	..	+1·6	*273·5*	22	− 17
357	Irkutsk	52 16	104 19	467	967·8	1025·4	+ 1·9	..	288·6	1st	266·9	257·7	26th	..	+0·1	*273·6*	19	+ 1
358	Kirensk	57 47	108 7	263	989·5	1022·6	+ 1·4	..	286·5	4th	266·5	248·5	31st	..	+1·0	*271·6*	16	+ 9
359	Tchita	52 2	113 30	687	938·3	1021·5	+ 0·9	..	287·1	5th	266·4	254·8	25th	..	+1·2	*272·8*	13	..
360	Blagoveshchensk Priisk	58 10	114 19	490	960·0	1021·1	− 0·3	..	283·5	4th	264·4	248·8	31st	..	..	*268·9*	29	− 17
360*a*	Nertchinskii Zavod	51 19	119 37	626	945·1	1020·8	+ 1·2	..	286·2	8, 12, 21	266·7	257·1	26th	..	+2·4	*273·8*	1	
361	Tygan Ourkan	54 5	124 46	379	972·0	1019·1	..	279·9	287·8	9th	263·7	253·3	27th	271·8	..	*271·5*	3	− 3
362	Blagoveshchensk (Bureau Météor.)	50 16	127 30	142	1000·0	1017·7	+ 1·4	283·3	290·2	10th	271·8	262·8	26th	277·6	+2·6	*276·9*	16	− 3
363	Paikanskii Sklad	50 11	130 7	145	998·8	1016·9	..	284·3	291·1	11th	266·7	258·0	27th	275·5	..	*275·1*	5	..
364																		
365	Nikolaevsk-sur-Amour	53 8	140 45	21·2	1012·3	1015·0	+ 3·5	..	286·2	9th	267·9	257·6	27th	..	−1·0	*273·9*	36	− 14
366	Okhotsk	59 21	143 12	6·0	1010·6	1011·4	− 1·3	273·6	283·9	8th	265·9	257·2	29th	269·7	−1·0	*269·0*	6	− 13
367																		
368	Petropavlovsk (Radio)	53 0	158 39	13·5	1009·4	1011·1	+ 3·2	280·3	283·9	10th	272·5	270·4	11th	276·4	..	*276·0*	27	..
369																		
		°	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Estimates not based on at least six equally-spaced observations each day are in *italics*.

OCTOBER—ZONE 4.

Table representing the Meteorology of the Globe between Latitude 50° N. and 40° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
		N.	W.															
411	Victoria, B.C.	48 24	123 19	70·1	1012·2	1020·8	+ 3·2	285·8	292·4	9th	279·1	276·3	12th, 21st	282·4	−0·5	282·1	40	− 25
412	Portland, Oregon	45 32	122 41	46·6	1014·6	1020·0	+ 2·1	290·3	295·8	10th	279·3	274·1	4th	284·8	−0·2	*284·6*	32	− 51
413	Macleod	49 44	113 24	954	..	..	..	284·4	294·7	14th	272·7	266·9	4th	278·6	−2·0	..	33	+ 17
414	Helena	46 34	112 4	1253	875·6	1020·0	+ 2·4	283·7	295·8	16th	272·4	263·6	19th	278·1	−2·5	*277·7*	52	+ 29
414*a*	Salt Lake City	40 46	111 54	1329	868·2	1016·6	− 0·2	288·3	295·2	17th	277·5	272·4	24th	282·9	−1·4	*282·9*	62	+ 24
415	Cheyenne	41 8	104 48	1856	813·6	1017·6	+ 1·3	285·3	295·8	6th	272·8	261·9	19th	279·1	−1·2	*279·2*	50	+ 29
416	North Platte	41 8	100 45	859	918·6	1018·6	+ 1·9	290·7	305·2	3rd	274·7	263·0	20th	282·7	−0·9	*282·1*	21	− 7
416*a*	Bismarck	46 47	100 38	511	957·2	1018·6	+ 1·9	284·9	296·9	6th	271·9	262·4	20th	278·4	−1·5	*278·2*	5	− 20
417	Winnipeg	49 53	97 7	232	987·5	1016·1	+ 0·8	280·2	291·3	6th	271·3	263·0	20th	275·8	−2·1	276·2	59	+ 23
418	Duluth	46 47	92 6	345	974·2	1016·2	+ 0·3	283·0	294·7	14th	274·2	265·8	17th	278·6	−0·8	*278·3*	29	− 25
419	Port Arthur	48 27	89 12	196	990·9	1015·0	− 0·6	282·4	293·6	14th	274·1	266·3	17th	278·3	+0·2	*278·1*	61	− 2
420	Chicago	41 53	87 37	251	988·0	1018·3	+ 0·6	289·7	303·6	5th	281·2	274·7	26th	285·4	+0·5	*285·6*	99	+ 36
421	Toronto	43 40	79 24	116	1004·7	1018·9	+ 0·9	288·6	302·4	8th	277·4	271·9	10, 18, 27	283·0	+1·7	282·1	75	+ 13
422	New York (Central Park)	40 46	73 58	30·2	1017·2	1020·8	+ 2·6	292·1	303·0	9th	282·4	277·4	18th	287·2	+1·0	287·2	26	− 73
423	St. John, N.B.	45 17	66 4	36·2	..	1018·3	+ 1·9	285·8	296·9	4th	277·4	271·9	18, 19, 29	281·6	+1·2	281·4	109	− 6
424	S.W. Point, Anticosti	49 24	63 33	9·1	1013·9	1015·0	+ 1·7	280·2	288·6	5th	274·7	264·1	18th	277·4	0·0	..	99	+ 16
424*a*	Sable Island (Main Station)	43 57	60 6	7·6	1018·7	1019·6	+ 1·9	287·4	291·3	1st	283·0	278·6	18th, 19th	285·2	+0·9	..	150	+ 26
425	Port aux Basques	47 35	59 10	9·1	1015·6	1016·7	+ 2·0	283·6	289·7	4th, 6th	276·9	271·9	13th	280·2	+0·4	..	96	− 46
426	St. John's, Newfoundland	47 34	52 42	38·1	1009·8	1014·5	+ 1·2	284·7	294·1	6th	277·4	270·8	14th	281·1	+0·7	..	105	− 39
435	Madrid	40 24	3 41	655	945·1	1020·9	+ 3·7	297·2	303·8	6th	280·9	274·4	27th	289·1	+2·3	287·7	5	− 40
436	Nantes	47 15	W 1 34	36·5	1012·9	1017·3	+ 2·2	289·9	296·5	6th	281·2	272·4	21st	285·5	+0·6	285·2	103	+ 41
437	Paris (Parc St. Maur)	48 49	E 2 29	50·3	1010·9	1017·0	+ 1·6	288·0	294·3	3rd	280·1	271·1	21st	284·0	+0·8	283·9	64	+ 9
438	Marseilles	43 18	5 23	74·8	1009·3	1018·4	+ 3·6	292·0	297·1	3rd	282·0	273·4	23rd	287·0	−0·7	286·8	53	− 4
438*a*	Zürich	47 23	8 33	493	961·4	1020·2	+ 2·8	287·1	298·0	7th	278·9	271·6	22nd	283·0	+0·8	282·2	136	+ 42
439	Rome	41 54	12 28	50·6	1013·2	1018·9	+ 2·8	294·1	297·0	10th	284·5	279·6	18th	289·3	−0·5	*288·9*	110	− 8
440	Vienna	41 54	12 28	203	994·1	1019·1	+ 2·0	285·6	296·2	7th	279·6	274·6	21st	282·6	−0·1	282·5	27	− 22
440*a*	Buda-Pesth	48 15	16 22	617	..	..	..	..	..	..	..	..	..	..	..	..	..	..
441	Monastir	47 31	19 1	130	1003·3	1019·0	+ 1·3	288·5	299·0	15th	279·3	273·1	5th	283·9	+0·1	*283·4*	30	− 29
442	Bucharest	41 1	21 23	617	..	..	..	..	..	..	..	..	..	..	..	..	..	..
443	Odessa (University)	46 29	30 44	65·3	1009·1	1019·1	+ 0·3	291·3	300·3	14th	279·4	273·1	19th	285·4	0·0	284·6	50	+ 9
444	Kharkov (University)	50 0	36 14	140	1012·0	1020·0	+ 0·4	288·3	296·2	1st	281·8	275·2	31st	285·0	−0·1	*284·8*	62	+ 31
444*a*	Novorossiisk	44 44	37 49	37·1	1003·2	1020·5	− 0·5	284·2	290·9	16th	277·1	268·4	31st	280·6	+0·2	*280·3*	51	+ 10
445	Tiflis	41 43	44 48	404	1015·8	1020·2	+ 2·3	290·4	297·9	2nd	282·8	277·9	29th	286·6	−1·2	*286·4*	37	− 3
446	Astrakhan	46 21	48 2	−13·8	974·4	1022·2	+ 1·0	292·7	300·1	4th	281·3	276·5	1st	287·0	−0·8	*286·3*	19	− 18
447	Fort Alexandrovsk	44 30	50 16	24	1025·8	1024·1	+ 2·1	287·1	294·0	3rd	278·6	267·1	31st	282·8	−0·6	*282·6*	6	− 5
448	Krasnovodsk	40 0	52 59	−14·6	1019·6	1022·5	+ 0·8	..	293·6	3rd	279·8	273·7	25th	..	−1·2	*283·5*	3	− 10
449	Aralskoe More	46 47	61 42	57·0	1023·4	1021·6	+ 0·9	294·0	302·8	4th	284·5	277·9	25th	289·2	−0·9	*289·3*	0	− 10
450	Tachkent	41 20	69 18	479	1019·2	1026·4	+ 2·1	286·1	299·3	4th	274·4	261·3	31st	280·2	−0·4	*280·0*	1	..
451	Narynskoe	41 26	76 0	?2015	965·4	1022·2	− 0·2	293·6	303·7	1st	277·2	266·5	26th	285·4	−0·7	*284·5*	16	− 12
452	Verayi	43 16	76 53	?825	798·3	..	..	..	..	..	271·8	259·8	28th	..	+1·3	*279·0*	7	..
462	Mukden	41 48	123 23	43·8	925·8	1021·8	− 0·6	288·3	301·1	1st	277·3	266·2	29th	282·8	..	*282·4*	27	..
463	Joshin	40 40	129 11	4·0	1015·9	1021·3	+ 1·4	290·3	298·3	12th	276·2	267·7	27th	283·3	+0·2	282·3	15	− 22
464	Yuki	42 20	130 24	65·6	1019·6	1020·1	+ 1·7	289·8	295·6	5th	279·1	270·2	27th	284·5	−0·1	284·3	50	+ 15
464	Vladivostok	43 7	131 55	28·8	1012·1	1020·2	..	288·2	293·0	20th	278·5	270·5	27th	283·3	..	283·3	23	..
465	Ochiai	47 20	142 44	6·6	1016·7	1020·2	+ 2·0	288·1	294·3	13th	279·3	272·8	28th	283·7	+0·8	283·1	31	− 15
466	Nemuro	43 20	145 35	26·7	1015·6	1016·4	+ 1·5	285·6	292·2	12th	273·5	267·8	28th	279·5	+0·8	279·6	66	− 40
466*a*	Syana	45 14	147 53	39·3	1015·0	1018·2	+ 2·7	287·7	291·0	3rd	280·7	274·9	28th	284·2	+0·9	284·3	107	+ 20
		N.	E.		1013·0	1017·8	+ 2·3	285·8	290·5	23rd	278·0	273·1	21st	281·9	+0·3	282·0	58	− 45

Between Latitude 40° N. and 30° N.

OCTOBER—ZONE 5 (Western Half).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
		N.	W.															
511	San Francisco	37 48	122 26	47·2	1011·6	1017·3	+ 0·8	290·2	298·0	25th	283·4	280·8	29th	286·8	−1·7	*286·0*	13	− 14
512	San Luis Obispo	35 18	120 39	61·3	1010·1	1017·6	+ 1·6	292·1	304·1	25th	282·2	277·4	5th	287·1	−2·0	*286·4*	46	+ 21
513	San Diego	32 43	117 10	26·5	1012·5	1015·6	+ 1·4	291·4	298·6	26th	284·9	280·8	31st	288·2	−2·3	*287·9*	22	+ 11
514	Modena	37 48	113 54	1670	833·8	1015·6	− 1·1	288·1	293·6	21st	272·3	266·3	25th	280·2	−2·0	*280·1*	55	+ 33
515	Santa Fé	35 41	105 57	2138	788·7	1014·9	+ 0·3	288·8	294·7	3rd	278·0	271·9	25th	283·4	+0·3	*283·4*	70	+ 43
516	Denver	39 45	105 0	1613	838·3	1017·3	+ 1·2	288·6	299·7	6th	275·4	265·2	19th	282·0	−1·1	*282·5*	49	+ 23
517	Abilene	32 23	99 40	530	955·6	1016·6	− 0·1	298·4	304·1	8th	285·1	273·0	20th	291·8	0·0	*290·8*	84	+ 21
518	Saint Louis	38 38	90 12	173	997·8	1018·3	+ 0·2	293·6	303·0	7th	282·7	271·9	21st	288·1	+0·2	*287·9*	42	− 21
519	Mobile	30 41	88 2	17·4	1015·1	1016·9	− 0·4	298·7	305·2	9th	288·2	278·0	22nd	293·4	+0·8	*293·3*	64	− 21
520	Nashville	36 10	86 47	166	1000·3	1020·3	+ 1·4	295·8	305·2	7th	282·1	273·0	22nd	289·0	+0·3	*289·0*	68	+ 11
521	Charleston	32 47	79 56	14·6	1016·2	1017·9	− 0·1	296·3	301·9	17th	289·0	281·9	22nd	292·7	+0·5	*292·9*	111	+ 14
522	Washington	38 54	77 3	34·1	1016·9	1021·0	+ 2·1	293·1	303·6	8th	280·3	274·7	27th	286·7	−0·3	*286·3*	45	− 32
524	Bermuda	32 18	64 46	46·0	1013·4	1018·8	+ 2·6	299·1	300·6	11th	293·8	290·9	13, 28, 29	296·5	+0·3	*296·3*	3	−146
530	Santa Cruz (Flores)	39 27	31 9	28	1020·8	1023·9	+ 3·7	295·0	297·4	13th	288·8	283·2	27th	291·9	+0·1	*291·8*	104	− 40
531	Horta	38 32	28 38	63	1016·4	1023·6	+ 4·2	294·9	297·9	14th	290·4	287·0	22nd	292·7	+0·4	292·4	23	− 78
532	Ponta Delgada	37 44	25 40	22	1021·8	1023·6	+ 4·4	295·1	297·1	10th	290·5	287·3	22nd	292·8	+1·1	292·8	..	..
532*a*	Faja da Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	52	−104
533	Madeira (Funchal)	32 37	16 54	25	1019·4	1023·3	+ 5·2	297·0	302·4	13th	292·1	290·0	23, 26, 29	294·6	+1·1	*294·5*	24	− 61
534	Lisbon	38 43	9 9	95	1009·8	1021·2	+ 4·3	295·5	301·3	2nd	288·0	284·7	24th	291·8	+1·4	*291·3*	14	− 66
535	Gibraltar	36 6	5 21	16·2	1018·8	1020·7	+ 5·4	295·1	299·7	20th	289·1	285·2	30th, 31st	292·1	+0·2	*291·9*	52	− 32
536	Melilla	35 18	2 59	8	1023·8	1024·7	+ 4·8	300·7	304·4	2nd	287·7	284·8	31st	294·2	−1·5	*295·5*	2	− 51
536*a*		N.	W.															
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Estimates not based on at least six equally-spaced observations each day are in *italics*.

OCTOBER—ZONE 5 (Eastern Half).

Table representing the Meteorology of the Globe between Latitude 40° N. and 30° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ N.	° ′ E.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
537	Palma	39 34	2 38	23	1017·0	1019·7	+ 3·6	296·4	298·4	6th	287·5	283·4	22nd	291·9	−0·1	..	25	− 52
538	Algiers (Bouzaréah)	36 48	3 2	344	980·0	1020·2	+ 4·1	295·3	299·7	18th	288·9	286·1	27th	292·1	+0·5	291·4	4	− 73
539	Tunis	36 48	10 10	33	..	..	..	297·5	302·6	23rd	285·7	281·2	18th	291·6	−1·2	*290·9*	23	− 27
539*a*	Malta	35 53	14 30	58·8	..	1020·5	+ 3·1	297·8	300·7	27th	291·7	288·6	27th	294·7	+0·7	*293·8*	13	− 55
540	Riposto	37 41	15 14	14·2	..	1020·0	+ 3·4	295·6	297·8	20th	289·9	286·9	28th	292·7	−0·4	*292·4*	5	− 61
541	Athens	37 58	23 43	107	1006·4	1019·1	+ 2·4	296·8	301·5	12th	288·6	285·0	6th	292·7	+0·7	292·6	19	− 23
542	Alexandria	31 12	29 53	32·0	1015·2	1019·0	+ 2·7	299·6	301·6	1st	293·0	290·0	21st	296·3	−0·7	*295·1*	0	− 7
543	Cairo (Helwan)	29 52	31 20	116	1003·5	1017·1	+ 2·5	301·3	304·9	2nd, 15th	290·1	287·7	8th	295·7	−1·1	295·1	0	0
544	Nicosia (P.W.D.)	35 9	33 22	159	998·0	1016·3	+ 1·3	300·9	305·8	16th	285·7	282·4	30th	293·3	−1·3	..	0	− 22
544*a*	Beirut	33 54	35 28	33·7	..	1016·1	+ 2·6	298·7	300·6	2nd	293·0	290·7	31st	295·9	−0·9	..	12	− 31
545	Baghdad	33 21	44 28	38·7	..	..	..	..	..	..	..	..	..	..	..	..	..	− 2
546	Busrah	30 31	47 53	7·6	..	..	..	305·1	309·2	15th	286·8	282·2	25th	295·9	−2·5	..	0	− 2
546*a*	Lenkoran	38 46	48 51	−19·3	1024·2	1021·9	+ 1·4	..	295·5	4th	284·9	281·3	25th	..	−1·0	*288·4*	304	+105
547	Teheran	35 41	51 25	1220	..	..	..	..	..	..	..	..	..	..	..	..	..	− 5
548	Meshed	36 16	59 35	946	..	..	..	295·8	302·1	5th, 6th	275·4	269·7	27th, 28th	285·6	−0·9	..	5	− 3
549	Seistan	31 0	61 30	?	..	..	..	299·2	308·0	1st	282·9	273·6	30th	291·1	..	..	0	− 2
550	Quetta	30 11	67 3	1677	835·0	..	− 1·3	297·7	304·1	2nd	275·8	269·5	29th	286·8	−0·2	*286·8*	0	− 3
551	Peshawar	34 2	71 37	339	972·5	1011·5	− 2·0	305·6	310·0	4th	289·2	279·4	30th	297·4	+1·6	*296·6*	0	+ 9
551*a*	Lahore	31 34	74 20	214	985·9	1010·5	− 0·9	306·1	311·6	2nd	290·9	281·5	30th	298·5	+0·2	*297·6*	13	+ 65
552	Simla	31 7	77 8	2205	782·9	..	− 0·5	289·2	293·1	3rd	284·1	281·7	26th	286·7	−0·2	*286·7*	90	− 4
552*a*	Leh	34 10	77 42	3503	668·4	..	− 0·6	291·1	298·8	2nd	273·8	267·1	29th	282·5	+2·6	*281·6*	0	
559	Hang Kow	30 35	114 17	37·0	1018·1	1022·5	+ 2·2	294·1	299·4	5th	286·8	283·9	20th	290·5	−1·1	*290·5*	100	+ 14
560	Tientsin	39 10	117 10	5·0	1021·8	1022·4	+ 1·8	292·2	298·7	12th	281·4	274·3	25th	286·8	−0·8	*286·6*	6	− 17
561	Shanghai (Zi-Ka-Wei)	31 12	121 26	7	..	1020·8	+ 1·7	295·8	300·2	23rd	286·2	281·6	16th	291·0	−0·3	290·1	68	+ 21
562	Jinsen (Chemulpo)	37 29	126 37	67·6	1013·5	1021·8	+ 3·0	291·4	296·0	13th	282·9	275·2	27th	287·2	−0·8	286·7	19	+ 54
562*a*	Nagasaki	32 44	129 52	133	1002·1	1017·8	+ 1·9	295·6	300·0	9th	288·3	284·4	16th	292·0	+0·5	291·5	184	+103
563	Kioto	35 1	135 44	42·9	1013·5	1018·6	+ 2·2	295·1	299·7	11th	285·0	279·1	22nd	290·1	+1·2	289·7	234	+118
564	Tokio	35 41	139 45	21·3	1016·4	1018·9	+ 2·7	292·8	300·1	25th	285·8	280·2	22nd	289·3	0·0	288·8	302	+ 73
565	Kanayama	37 53	140 46	24·6	1016·4	1019·3	+ 2·2	291·0	297·5	25th	283·4	273·3	28th	287·2	+0·7	287·1	243	+ 79
566	Miyako	39 38	141 59	30·4	1015·5	1019·1	+ 2·4	291·7	297·5	25th	282·0	274·0	28th	286·9	+0·9	286·3	237	

OCTOBER—ZONE 6.

Between Latitude 30° N. and 20° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		N.	W.															
605	Honolulu	21 19	157 52	11·6	1014·7	1016·0	0·0	300·3	301·9	..	295·3	293·0	..	297·8	0·0	*298·2*	31	− 19
606																		
615	Zacatecas	22 47	102 35	2610	..	..	..	..	..	..	..	278·0	..	..	+1·0	288·7	11	− 89
616	Leon	21 7	101 41	1800	..	..	..	..	..	..	..	..	..	..	..	..	..	..
617	Tulancingo	20 5	98 22	2180	..	..	..	..	..	..	..	..	..	..	..	..	..	..
618	Galveston	29 18	94 50	16·5	1015·7	1017·6	+ 0·7	298·3	301·9	5th	292·7	280·2	20th	295·5	+0·2	*295·6*	25	+135
618*a*	New Orleans	29 58	90 4	16·2	..	1016·9	0·0	299·2	303·6	9th	290·7	283·0	20th	295·0	+0·4	*294·2*	216	+ 24
619	Havana	23 8	82 21	24·3	..	1012·3	− 0·9	301·4	303·8	7th	296·7	293·6	25th	299·1	+0·3	*298·9*	146	− 54
620	Key West	24 33	81 48	6·7	1011·6	1012·2	− 1·6	301·8	304·1	8th	296·7	293·6	22nd	299·3	+0·1	*299·0*	86	+ 42
621	Nassau, Bahamas	25 5	77 21	3·7	..	..	..	..	..	..	297·2	294·9	26th	..	−1·1	*298·5*	200	
622	Watling Island	24 6	74 26	33·5	1008·5	1012·3	− 0·9	..	302·5	1st, 23rd	..	296·9	sev. dates	..	..	*299·6*	..	
633	Izaña	28 19	16 30	2367	771·9	..	..	287·3	292·4	5th	279·8	274·4	21st	283·5	..	282·9	24	− 39
634	La Laguna	28 28	16 20	547	956·3	1019·0	+ 0·9	297·0	304·2	6th	287·9	282·9	23rd	292·5	+0·7	*291·9*	22	
636	Colomb-Béchar	31 38	W 2 13	?	..	..	..	..	..	..	..	..	..	..	..	..	..	
637	Timimoun	29 9	E 0 10	?	..	..	..	306·6	311·2	28th	288·6	283·5	14th	297·6	..	*297·6*	0	
641	Siwa	29 12	25 29	−23	..	..	..	..	..	..	..	..	..	..	..	..	..	
642																		
643	Aswan	24 2	32 53	99·6	1000·7	1012·1	+ 0·8	308·1	311·4	26th	292·7	290·4	9th	300·4	−1·3	*299·3*	..	
644	Tor	28 13	33 37	1·9	1013·1	1013·2	+ 0·7	300·3	304·1	17th	289·6	287·3	31st	295·0	−1·5	*295·3*	..	
647	Bushire	28 59	50 53	4·3	1011·5	1012·1	− 1·1	301·4	304·3	1st	293·0	288·8	31st	297·2	−2·2	*296·5*	0	− 3
648	Jask	25 44	57 47	4·0	1010·4	1010·9	− 1·6	305·8	309·2	1st	295·8	290·9	31st	300·8	−0·6	*300·1*	0	− 1
649	Robat	29 45	60 55	?	911·8	..	..	302·9	305·2	1st	285·2	278·0	26th	294·0	..	..	0	0
649*a*	Karachi	24 53	66 57	4·0	1010·0	1010·5	− 1·4	304·8	308·8	22nd	296·6	291·4	29th	300·7	+1·1	*300·0*	0	+ 10
650	Hyderabad, Sind	25 24	68 18	29·3	1006·5	1009·7	− 1·4	307·7	311·3	17th	294·7	287·4	31st	301·2	−0·7	*300·5*	10	0
650*a*	Jacobabad	28 17	68 29	56·7	1003·5	1010·0	− 1·1	309·9	314·2	1st	292·0	283·4	29th	301·0	+0·6	*300·2*	0	+ 30
651	Jaipur	26 56	75 52	436	962·7	1011·6	− 0·9	304·7	306·3	18th, 21st	291·1	284·2	30th	297·9	−1·6	*297·2*	30	+215
652	Nagpur	21 8	79 5	310	974·5	1009·1	− 2·4	303·8	305·8	15th	295·4	293·2	29th	299·6	+0·4	*299·1*	266	
653	Allahabad	25 25	81 51	94·1	998·9	1009·6	− 1·7	304·5	306·3	17th	295·4	289·2	29th	299·9	+0·8	*299·1*	73	+ 60
653*a*	Darjiling	27 3	88 18	2266	777·7	..	− 0·8	291·0	295·3	1st	283·8	281·3	22nd	287·4	+1·3	*287·4*	174	+275
654	Calcutta	22 36	88 23	6·4	1008·8	1009·5	− 0·5	303·6	306·5	1st	297·7	296·1	11th	300·7	+0·6	*300·3*	371	+123
655	Gauhati	26 8	91 41	59·7	1005·2	1012·0	− 0·3	302·4	307·1	1st	295·3	293·9	19, 20, 22	298·8	−0·2	*298·1*	185	+855
655*n*	Cherrapunji	25 15	91 42	1314·	869·1	..	− 0·7	295·5	298·6	1st	289·1	286·8	20th	292·3	+0·3	*291·7*	1220	+114
655*a*	Akyab	20 11	92 56	6·1	1009·5	1010·1	− 0·9	304·2	306·2	28th	297·0	295·8	19th	300·6	+0·5	*300·2*	365	− 56
656	Mandalay	21 59	96 0	76·2	1003·0	1011·7	+ 0·2	306·6	309·9	28th	297·0	295·9	22nd	301·8	+0·3	*301·4*	69	− 87
656*a*	Tengyueh	24 59	98 35	1633	835·2	..	..	294·3	297·4	12th	285·2	281·9	9th	289·7	..	*289·2*	250	− 77
657	Phu Lien	20 48	106 37	116	1001·1	1014·6	+ 1·2	300·7	304·0	18th, 24th	294·2	292·1	25th	297·5	−1·0	296·8	45	− 92
658	Moncay	21 31	107 51	9	1013·9	1014·9	+ 1·3	302·6	307·8	24th	293·4	290·2	20th	298·0	−0·2	*298·8*	52	
659	Hong Kong	22 18	114 10	33·2	..	1014·4	+ 0·8	299·8	302·6	10th	295·4	291·8	31st	297·6	−0·3	297·4	19	− 104
660	Amoy	24 27	118 4	ca·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
661	Taihoku, Formosa	25 2	121 31	9·3	1014·5	1015·6	+ 0·9	299·4	305·8	23rd	293·6	289·9	5th	296·5	0·0	296·1	104	+335
661*a*	Santo Domingo	20 28	121 59	18·7	..	1009·8	0·0	302·4	304·4	23, 25, 28	297·2	295·7	16th	299·8	0·0	*299·6*	693	+192
662	Naha	26 13	127 41	10·5	1013·3	1014·5	+ 1·1	300·9	304·9	24th	295·1	293·7	4th	298·0	+0·6	297·6	343	
665	Titizima (Bonin Islands)	27 5	142 11	4·0	1016·1	1016·5	+ 2·7	303·2	304·5	9th	296·4	293·4	25th	299·8	+0·7	299·2	32	− 92
		N. ° ′	E. ° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Estimates not based on at least six equally-spaced observations each day are in *italics*.

OCTOBER—ZONE 7.

Table representing the Meteorology of the Globe between Latitude 20° N. and 10° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
715	Zapotlanejo	19 38	103 37	1529	..	..	..	..	..	..	..	..	..	..	..	..	..	..
716	Morelia	19 42	101 0	1933	..	..	..	..	..	..	..	..	..	..	..	..	..	..
717	Mexico	19 26	99 8	2259	..	..	..	..	..	..	..	..	..	..	..	..	..	..
718	Oaxaca	17 4	96 44	1563	..	..	..	..	..	..	..	..	..	..	..	..	..	..
718*a*	Salina Cruz	16 12	95 16	56·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
719	San Salvador	13 42	89 12	684	936·8	1013·5	+ 1·3	297·3	308·2	20th	293·9	286·0	27th	295·6	0·0	*295·7*	197	− 69
720	Belize	17 29	88 12	5·2	..	..	..	..	302·4	..	..	293·0	..	..	..	..	296	− 49
721	Jamaica (Negril Point)	18 15	78 23	10·1	..	1009·4	− 1·4	302·7	304·3	20th	296·2	293·9	22nd	299·4	−0·2	*299·2*	273	+ 60
722	Port au Prince	18 34	72 22	37·4	1006·4	1010·7	− 1·1	304·3	307·5	5th	295·2	292·6	20th	299·7	−0·4	298·4	301	+119
723	Caracas	10 31	66 56	1010	899·2	..	− 0·5	298·3	300·4	13th	288·8	287·4	17th, 20th	293·6	−0·7	*292·7*	58	− 39
723*a*	St. Croix (Christiansted)	17 45	64 42	6·6	..	..	..	302·6	303·8	27th	..	..	..	..	−0·7	*299·8*	408	+249
724	Montserrat	16 41	62 9	39·6	1008·0	1012·5	− 0·9	303·4	305·2	3rd, 16th	295·5	293·6	30th	299·5	..	*299·0*	468	..
725	Grenada (Richmond Hill)	12 3	61 45	155	992·5	1010·4	− 0·7	302·7	305·2	13th	296·8	294·1	7th, 8th	299·7	0·0	*299·1*	116	− 70
	Barbados	13 8	59 36	55·2	..	1011·5	− 0·9	302·6	303·9	4th	296·0	294·0	3rd	299·3	+0·1	*298·7*	342	+185
731	St. Vincent, C. Verde Is.	16 54	25 4	11	1012·2	1013·4	0·0	300·9	303·0	2nd, 9th	296·5	295·2	26th	298·7	−0·1	*299·3*	0	− 31
732	San Tiago, C. Verde Is.	14 54	23 31	?40	1008·9	1013·5	− 0·2	302·1	303·6	7th, 16th	297·0	295·2	31st	299·6	−0·1	*299·7*	2	− 31
733	Bathurst	13 24	16 36	1·5	..	1012·5	+ 0·4	303·7	305·8	11th	296·8	293·6	6th	300·2	0·0	*300·5*	1	− 98
734	M'Carthy Island	13 42	14 46	1·1	..	..	..	310·4	313·6	13th	294·0	290·8	1st, 3rd	302·2	+0·5	..	79	+ 39
735	Ségou	13 34	6 17	300	..	..	..	..	..	..	..	..	..	..	..	..	..	..
736	Timbuctoo	16 43	W 3 1	270	..	..	..	311·6	313·2	1st	294·5	290·6	31st	303·1	−1·7	*302·4*	..	..
737	Sokoto	13 2	E 5 14	353	..	..	..	309·9	311·9	19th, 24th	291·6	277·4	28th	300·8	−0·8	..	2	− 9
738	Kaduna Junction	10 50	7 25	640	..	..	..	304·2	306·3	29th, 31st	289·2	284·1	27th	296·7	−1·7	..	59	− 1
739	Katagum	12 17	10 22	30·7	..	..	..	..	..	..	..	..	..	..	..	..	14	+ 5
740	Maidnguri	11 47	13 11	361	..	..	..	307·6	310·2	30th	291·8	287·4	26th	299·7	−2·3	..	52	+ 38
743	El Obeid	13 11	30 14	569	945·3	1008·6	0·0	307·5	310·5	15th	291·3	287·6	23rd	299·4	−1·1	*299·3*	9	− 9
744	Khartoum	15 37	32 33	390	904·7	1007·7	+ 0·1	310·6	312·5	7th	296·7	293·0	28th	303·6	−1·1	*302·9*	0	− 5
	Port Sudan	19 37	37 13	5·9	1010·3	1011·0	+ 0·1	306·4	310·0	3rd	296·8	293·6	22nd	301·6	−0·9	*300·8*	0	− 8
745	Berbera, Somaliland	10 22	45 2	10·1	..	1011·1	− 0·8	307·2	310·8	26th	297·3	294·1	24th, 25th	302·3	−0·1	*301·4*	0	− 1
746	Aden	12 45	45 3	28·7	1007·8	1010·8	− 1·6	306·2	309·3	23rd	298·8	294·5	23rd	302·5	+0·8	*301·6*	0	− 2
751	Bombay	18 54	72 49	11·3	1008·5	1009·7	− 2·0	303·1	304·9	20th	298·1	296·8	16th	300·6	−0·2	*299·9*	122	+ 75
751*a*	Cochin	10 58	76 21	2·7	1010·1	1010·4	− 1·1	302·6	304·5	8th, 12th	296·4	294·5	20th	299·5	−0·6	*298·8*	441	+109
752	Kodaikanal	10 14	77 28	2343	769·9	..	− 1·2	290·2	293·1	5th	283·9	281·7	22nd	287·1	+0·2	*286·5*	177	−101
752*a*	Bangalore	12 59	77 38	920	909·1	1009·5	− 1·5	300·1	302·9	8th	291·9	289·5	22nd	296·0	−0·1	*295·1*	181	+ 21
753	Madras	13 4	80 14	6·7	1007·6	1008·4	− 2·2	304·7	309·7	4th	297·6	295·3	21st, 23rd	301·2	+0·3	*300·4*	389	+102
754	Waltair	17 45	83 16	68·9	1000·4	1008·1	− 2·5	303·2	306·1	8th	297·3	295·6	9th	300·2	−0·7	*299·5*	367	+203
755	Port Blair	11 40	92 40	17·7	1007·2	1009·1	− 1·7	302·9	304·8	14th	297·9	296·2	30th, 31st	300·4	−0·2	*299·7*	371	+ 94
756	Rangoon	16 46	95 48	5·5	1010·1	1010·8	− 0·6	304·6	306·3	26th	297·6	296·0	2nd	301·1	+0·5	*300·2*	198	+ 26
757	Saigon	10 47	106 42	11·2	1007·1	1008·3	− 1·1	303·3	305·6	10th, 14th	296·1	294·4	8th	299·7	−0·6	*299·2*	407	+141
758	Nhatrang	12 15	109 12	3·6	1008·6	1009·0	− 0·9	302·7	305·6	9th	296·5	295·6	7th, 8th	299·6	−0·2	*299·2*	341	+ 31
759	Bolinao	16 24	119 53	9·7	..	1008·2	− 0·2	304·8	307·7	25th	296·9	295·4	23rd	300·9	−0·1	300·1	283	+ 99
761	Vigan	17 34	120 23	12·2	..	1008·2	− 0·4	304·8	308·0	26th	295·9	294·3	7th, 12th	300·3	−0·1	300·2	137	− 45
761*a*	Manila	14 35	120 59	14·2	..	1008·7	− 0·4	303·5	306·8	1st	296·0	294·6	28th	299·7	−0·8	298·9	224	+ 36
762	Ormoc	11 0	124 36	5·6	..	1008·3	− 0·4	305·2	306·9	1st	295·3	294·3	4th, 25th	300·3	+0·2	299·2	98	−137
765	Guam, Ladrone Is.	13 24	144 38	20·4	..	1008·7	+ 0·7	302·4	303·4	8th	297·2	293·6	11th	299·8	−0·2	*299·8*	293	− 47
		N.	E.															

Between Latitude 10° N. and 0°.

OCTOBER—ZONE 8.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		N.	W.															
805	Fanning Island	3 55	159 23	4·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
821	Colon	9 23	79 23	7·6	..	1010·8	+ 0·4	303·1	304·7	3rd	296·6	295·8	21st	299·8	+0·5	*299·4*	447	+ 69
822	Bogota	4 36	74 6	2645	..	..	..	..	..	..	..	..	..	..	..	..	140	− 2
822*a*	Merida	8 36	71 10	1641	840·9	..	..	295·9	298·3	1st	288·4	286·2	16th	292·1	..	*291·0*	450	..
824	El Peru, Guayanavieja	7 30	62 0	220	983·7	1008·8	− 0·7	302·2	305·1	29th	291·7	289·7	26th	296·9	−1·8	*296·2*	227	+138
826	Georgetown, Brit. Guiana	6 50	58 12	1·8	..	1011·7	− 1·4	303·7	306·1	28th	297·0	294·7	18th	300·3	0·0	*299·9*	72	+ 12
826*a*	Paramaribo	5 49	55 9	3·7	1010·5	1010·9	− 1·3	305·5	306·8	13th	296·2	295·2	5th, 22nd	300·9	+0·2	*299·4*	119	+ 46
	Cayenne	4 56	52 21	6	..	..	..	305·3	306·8	3rd	295·8	294·6	13th, 22nd	300·5	−0·7	*300·8*	69	+ 35
833	Conakry	9 31	13 43	16	1010·0	1011·8	− 0·7	302·8	304·2	..	296·1	293·5	..	299·5	+0·3	*299·0*	237	−190
834	Freetown, Sierra Leone	8 30	13 9	68·3	1004·6	1012·5	+ 0·6	303·7	305·2	10th	295·6	293·6	2, 9, 21	299·7	−0·1	*299·2*	224	−100
835	Cape Coast Castle	5 5	1 13	?	..	..	..	..	..	..	293·4	291·3	12th	299·3	..	..	118	+ 69
836	Accra	5 12	W 0 12	18	..	..	..	302·9	303·6	20th	296·4	294·1	15th	299·7	+1·0	*299·3*	147	+100
837	Lagos	6 27	E 3 24	1·8	1012·3	1012·5	− 0·8	302·6	304·7	..	295·8	294·1	..	299·2	0·0	*298·7*	153	− 43
838	Zungeru	9 49	6 10	130	..	..	..	306·2	309·1	30th	293·6	289·1	31st	299·9	0·0	..	49	− 31
838*a*	Libreville	0 23	9 26	35	1005·0	1009·0	..	303·6	305·5	28th	295·5	294·4	16th, 31st	299·5	+0·9	*299·0*	421	+ 80
839	Yola	9 12	12 30	259	..	..	..	306·3	310·2	16th	294·9	290·8	27th	300·6	−0·1	..	103	+ 25
841	Wau	7 42	28 3	440	959·7	1008·7	− 0·8	306·2	311·0	26th	293·4	292·0	6th, 7th	299·8	−0·2	*298·1*	158	+ 31
843	Mongalla	5 11	31 47	439	959·5	1008·4	− 0·5	305·4	308·0	19th	293·6	292·0	8th, 27th	299·5	−0·3	*298·3*	108	− 1
843*a*	Malakal (Kodok)	9 35	31 37	394	..	..	..	305·6	307·5	sev. dates	294·3	292·0	16th, 26th	300·0	−0·3	*298·5*	118	+ 36
844	Entebbe	0 5	32 29	1171	883·4	..	− 0·1	299·3	300·8	30th	289·2	288·5	5th	294·3	−0·5	*294·3*	77	− 12
845	Harrar	9 42	42 30	1856	..	..	..	300·1	301·0	sev. dates	288·6	288·0	sev. dates	294·4	+1·4	..	62	+ 27
851	Minicoy	8 17	72 49	2·1	1011·5	1011·7	+ 0·2	..	..	..	..	..	..	..	..	..	85	−124
852	Colombo Observatory	6 54	79 53	7·3	1008·4	1009·2	− 0·5	302·4	302·9	2nd	297·3	295·8	3rd	299·9	0·0	*299·2*	83	−274
853	Nuwara Eliya	6 59	80 47	1886	..	..	..	293·0	296·8	2nd	284·3	278·7	3rd	288·7	+0·5	*288·1*	178	−104
854	Trincomalee	8 34	81 14	30·2	1003·7	1007·1	− 0·9	305·7	309·0	1st	297·3	295·7	22nd	301·5	+0·6	*300·8*	74	−143
855	Kota Radja	5 32	95 20	7·1	..	1009·0	−

OCTOBER—ZONE 9.

Table representing the Meteorology of the Globe between Latitude 0° and 10° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
905	Malden Island	4 2	155 1	7·9	1011·8	1012·7	+ 1·5	304·3	305·2	5th	295·6	294·1	1st	299·9	−1·8	*299·2*	.3	− 21
921	Quito	0 10	78 35	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
924	Manaos	3 8	60 1	44·9	1004·6	1009·7	− 2·4	306·2	309·6	19th	296·6	294·6	28th	301·4	−1·0	*300·3*	114	+ 13
926	Taperinha	2 30	54 42	20·0	1007·8	1010·1	..	..	..	..	295·5	293·4	15th, 19th	..	..	*299·6*	7	− 5
927	Turyassu	1 43	45 27	15·0	1009·0	1010·7	− 0·4	305·9	308·4	31st	296·1	294·2	30th	301·0	0·0	*299·8*	7	− 8
928	Barra do Corda	5 31	45 16	81·0	999·7	1009·0	− 1·3	307·9	310·8	1st	295·7	293·2	2nd	301·8	+1·2	*301·0*	35	− 1
929	Quixeramobim	5 16	39 15	207	987·9	1011·3	− 0·7	307·0	308·3	6th	297·5	296·7	2nd	302·3	−0·2	*301·1*	0	+ 3
930	Fernando Noronha	3 50	W32 55	95·0	1000·6	1011·6	− 0·7	300·5	301·3	17th	296·7	295·3	9th	298·6	..	*297·8*	9	
939	Loanda	8 49	E 13 13	59·3	..	1010·7	− 1·5	299·1	301·0	28th	295·6	294·3	29th	297·3	+0·9	297·2	35	+ 29
940	Brazzaville	4 17	15 16	290	976·1	1008·9	..	305·5	307·5	9, 20, 23	293·0	291·5	1st, 8th	299·3	+0·4	*298·5*	199	+ 56
943	Masaka	0 21	31 47	?1280	..	..	..	298·1	300·2	30th	?288·2	?286·9	20th	?293·2	−0·2	*292·4*	27	− 68
944	Nairobi	1 15	36 44	1800	..	..	..	296·9	299·7	23rd	282·4	277·4	13th	289·4	−2·2	..	34	− 13
944a	Zanzibar	6 10	39 11	21·9	1014·2	1016·6	+ 0·1	301·1	303·6	24th	296·6	295·9	3rd, 4th	298·8	−0·5	*298·1*	148	+ 55
945	Lamu	2 16	40 54	3·1	..	..	..	302·4	303·0	6th	297·4	296·9	4th	299·9	0·0	*299·5*	3	+ 29
947	Seychelles, Port Office	4 37	55 27	4·6	1012·6	1013·0	+ 0·3	300·2	301·3	26th	297·7	296·3	14th	298·9	−0·3	*298·3*	29	− 99
957	Padang	0 56	100 22	6·7	..	1009·4	− 1·6	303·8	305·6	29th	295·9	294·1	27th	299·9	..	299·1	653	+142
958	Batavia	6 11	106 50	8·0	1008·2	1009·1	− 1·2	304·2	306·5	18th	296·6	295·6	1st, 20th	300·4	+0·3	299·8	87	+ 25
958a	Pontianak	0 1	109 20	2·6	..	1009·3	− 1·1	303·6	305·7	13th	296·3	295·5	5th	299·9	..	298·9	495	+119
959	Passeroean	7 38	112 55	5·0	..	1008·7	− 1·6	304·7	307·8	7th	295·7	293·7	6th	300·2	−0·5	300·0	205	+266
960	Kajoemas	7 56	114 9	1060	..	..	..	297·4	301·4	15th	291·5	289·3	28th	294·5	..	293·3	305	+ 42
962	Ambon	3 42	128 10	4·2	..	1008·9	− 0·8	302·9	304·2	27th	296·5	295·4	7th	299·7	+0·6	299·1	118	+ 73
963	Manokwari	0 52	134 20	19·0	..	1008·4	− 0·5	303·9	305·6	9th	297·1	295·7	26th	300·5	..	299·9	164	
965	Daru	9 4	143 13	7·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
966	Port Moresby	9 29	147 9	39·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
967																		
968	Rendova	8 30	157 12	1·8	1008·8	1009·0	− 0·8	..	..	..	..	..	..	..	..	..	299	− 68
969	Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	1009·9	1010·1	+ 0·1	304·1	306·3	18th, 30th	297·6	296·9	sev. dates	300·8	+0·5	*300·4*	145	− 55
970	Ocean Island	0 52	169 35	25·6	1005·1	1008·1	− 0·3	304·9	305·8	29th	297·3	296·3	1st, 2nd	301·1	+0·1	*300·3*	7	−115
		S.	E.															

OCTOBER—ZONE 10. Between Latitude 10° S. and 20° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		S.	W.															
1002	Apia, Samoa	13 48	171 46	2	..	1012·7	+ 1·6	302·4	303·9	12th	295·8	294·1	1st, 8th	299·1	+0·1	298·8	113	− 69
1003	Alofi, Niue Island	19 2	169 55	36·6	..	..	..	303·7	305·8	11th	289·9	287·4	9, 16, 19	296·8	..	*295·9*	57	− 29
1007	Makatea	15 47	148 14	47	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1021	Arequipa	16 22	71 33	2451	761·5	..	+ 0·3	292·9	294·8	21st	281·0	278·5	17th	286·9	−0·5	*286·6*	0	0
1022	Puerto de Arica	18 28	70 20	5	..	..	..	290·7	291·4	28th, 29th	285·7	285·0	21st	288·2	−0·9	*289·5*	0	
1023																		
1024	Sucre, Bolivia	19 30	64 24	2848	728·3	..	..	290·8	296·1	26th	280·1	278·2	16th	285·5	−4·3	*285·8*	47	+ 11
1025	Corumba	19 0	57 39	116	997·6	1010·9	+ 0·5	311·2	312·0	8th	..	..	..	..	..	*299·5*	80	+ 22
1026	Cuyaba	15 36	56 6	165	980·8	1008·5	− 0·9	305·2	309·5	29th	297·7	294·3	24th	301·5	+0·8	*301·7*	102	− 14
1027	Bello Horizonte	19 55	43 55	857	918·0	1013·7	− 0·3	298·8	304·8	3rd	288·7	283·0	9th	293·7	−0·9	*293·5*	118	+ 53
1028	Caetite	14 2	42 36	900	915·1	1015·3	+ 0·6	300·0	305·3	6th	289·3	287·1	6th, 9th	294·7	−1·4	*294·8*	124	+ 23
1029	Ondina (Bahia)	13 0	38 30	47·0	1007·6	1013·0	− 0·7	301·2	303·0	29th	294·1	292·0	30th	297·7	−0·5	*297·0*	155	+ 29
1030	Aracaju	10 55	37 3	4·0	1013·9	1014·3	− 0·3	301·3	303·1	5th	296·5	293·4	6th	298·9	−0·2	*298·7*	28	− 5
1035	St. Helena	15 57	W 5 40	632	947·1	1019·0	+ 0·9	291·9	296·9	29th	284·7	284·1	27th	288·3	+0·4	*287·9*	41	− 14
1042	Gwelo	19 28	E 29 47	1417	861·7	..	− 0·5	305·3	310·8	23rd	..	..	..	..	..	..	3	− 3
1043	Salisbury, Rhodesia	17 48	31 5	1457	857·2	..	− 0·4	305·1	308·7	17th	286·7	280·1	9th	295·9	+1·4	..	26	− 20
1044	Zomba	15 23	35 18	? 945	907·8	1011·1	− 1·0	303·4	306·3	23rd	290·3	285·8	9th, 10th	296·8	+0·4	*297·3*	31	
1045	Tananarivo	18 55	47 32	1400	866·6	..	+ 0·8	300·0	303·9	28th	285·0	280·8	1st	292·5	0·0	*291·2*	52	+ 73
1046	Sainte-Marie	17 0	49 51	15	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1055	Cocos Keeling Is.	12 5	96 53	4·6	1010·4	1011·0	− 2·6	301·6	304·1	19th	297·6	296·3	14, 15, 24	299·6	0·0	*299·2*	190	+ 75
1056																		
1057	Christmas Island	10 25	105 43	5·5	1007·5	1008·1	− 2·1	304·1	305·8	..	296·6	294·7	..	300·3	+0·1	*299·8*	248	+158
1058																		
1061	Koepang	10 10	123 34	45·1	..	1009·1	− 1·6	305·4	308·3	6th	296·2	294·6	3rd	300·8	..	300·4	169	+154
1061a	Derby	17 18	123 40	16·2	1008·0	1009·9	− 1·5	308·2	313·3	8th	298·1	295·6	9th	303·1	+1·0	..	13	+ 11
1062	Hall's Creek	18 13	127 46	374	968·5	1009·6	− 1·3	308·6	313·1	7th	296·1	289·4	19th	302·3	+0·6	..	61	+ 44
1063	Port Darwin	12 28	130 51	29·6	1005·7	1008·9	− 1·3	306·7	308·2	11th	298·6	293·7	15th	302·7	+0·1	*301·7*	160	+ 12
1064	Daly Waters	16 16	133 23	211	983·4	1006·5	− 3·3	311·9	314·8	8th	295·5	289·7	2nd	303·7	+0·8	*303·2*	8	+ 73
1065	Mein	13 13	142 47	122	994·3	1007·7	− 3·0	308·4	311·9	9th	295·3	291·3	17th	301·9	+1·6	*301·1*	92	− 68
1066	Georgetown, Queensland	18 22	143 32	302	976·6	1009·9	− 2·3	309·0	312·4	10th	293·3	285·2	7th	301·1	+0·5	..	11	
1067	Samarai	10 37	150 40	15·2	..	1010·0	− 1·4	302·3	..	..	296·9	..	..	299·6	+0·6	*299·2*	100	− 106
1072	Suva, Fiji	18 8	178 26	16·8	1012·3	1014·2	− 0·4	301·7	305·0	31st	293·9	291·9	10th	297·8	+0·4	*297·3*	92	
		S. ° ′	E. ° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Estimates not based on at least six equally-spaced observations each day are in *italics*.

OCTOBER 1916.

Table representing the Meteorology of the Globe between Latitude 20° S. and 30° S.

OCTOBER—ZONE 11.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1105	Rarotonga (Avarua)	21 12	159 47	6	..	..	..	299·4	301·1	30th	293·2	291·3	sev. dates	296·3	+0·6	*295·9*	98	− 5
1106																		
1121	Punta Tortuga, Coquimbo	29 56	71 21	27	1014·8	1018·0	+ 1·3	288·6	290·5	8th	283·3	281·2	18th	285·9	−0·3	*286·1*	1	− 1
1122	Iquique	20 12	70 11	9	1016·0	1017·1	+ 1·0	293·2	295·8	10th	285·7	284·2	24th	289·5	−1·0	*289·3*	0	0
1123	Catamarca	28 27	65 47	529	..	1009·6	+ 0·1	304·0	314·6	31st	290·6	282·0	1st	297·3	+2·0	*297·5*	1	− 17
1124	Salta	24 46	65 28	1178	883·1	1011·5	+ 1·2	299·2	307·5	26th	284·0	279·0	4th	291·6	+0·6	*292·8*	73	+ 53
1125	Goya	29 9	59 15	38	..	1015·9	+ 2·3	301·8	310·6	31st	285·7	280·4	4th	293·7	+1·5	*294·3*	24	− 91
1126	Asuncion	25 21	57 37	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1127	Curityba	25 25	49 17	908	913·7	1016·6	+ 0·1	294·0	301·7	27th	283·9	278·2	11th	288·9	−0·9	*288·1*	87	− 71
1128	Rio de Janeiro	22 54	W43 10	61·4	1008·0	1015·3	+ 0·8	296·0	301·5	2nd	291·8	288·6	9th	293·9	−0·9	293·9	80	− 7
1139	Windhoek	22 34	E 17 6	1665	..	..	..	298·0	304·5	15th	288·7	284·1	3rd	293·3	−1·1	*293·5*	10	+ 1
1140																		
1141	Kimberley	28 42	24 47	1202	882·5	..	+ 0·3	302·3	310·2	13th	285·4	277·7	6th	293·8	+1·6	293·4	40	+ 15
1142	Johannesburg	26 11	28 4	1806	823·2	..	− 0·7	298·5	305·0	14th	285·6	278·8	6th	292·1	+2·1	*291·8*	49	− 12
1142a	Pretoria	25 45	28 12	1338	871·3	..	..	302·1	307·9	14th	287·3	280·9	7th	294·7	..	..	35	− 90
1143	Durban	29 52	31 3	15·2	1015·5	1017·3	..	296·7	300·2	21st, 30th	289·4	285·8	6th, 7th	293·1	+0·2	*292·6*	133	+ 15
1144	Lorenzo Marques	25 58	32 36	59·5	..	1016·1	− 0·2	301·5	310·3	21st	291·6	286·9	8th	296·5	+0·3	295·8	10	− 66
1147	Mauritius	20 6	57 33	55·2	1011·5	1018·0	− 0·2	298·7	300·9	29th	291·2	289·3	18th	294·9	−0·6	294·6	96	+ 61
1159	Onslow	21 43	114 57	4·3	1008·9	1009·4	− 3·3	304·0	309·1	14th, 16th	290·2	285·7	9th	297·1	+0·2	..	15	+ 14
1160	Peak Hill	25 38	118 47	588	943·6	1008·9	− 3·1	300·1	305·9	4th, 10th	287·8	281·8	12th	294·0	−1·2	..	41	+ 36
1161	Nullagine	21 53	120 5	386	966·1	1008·6	− 2·9	305·4	311·3	10th	292·2	288·0	9th, 22nd	298·8	−0·1	..	81	+ 75
1162	Laverton	28 40	122 23	466	959·2	1011·7	− 2·8	298·6	306·9	10th	285·1	279·1	22nd	291·9	−1·0	..	16	+ 8
1163	Alice Springs	23 38	133 37	587	945·9	1011·3	− 0·8	299·8	310·8	7th	288·1	281·9	5th	294·0	−1·9	*294·0*	115	+ 96
1164	William Creek	28 55	136 21	76·2	1004·3	1013·3	− 1·1	296·8	307·7	7th	285·8	280·8	18th	291·3	−3·0	*291·1*	56	+ 46
1164a	Boulia	22 55	139 38	146	993·6	1010·0	− 1·7	305·9	313·3	12th	291·0	284·8	18th	298·4	−0·8	..	20	+ 8
1165	Thargomindah	27 58	143 43	123	998·0	1012·3	..	298·4	310·8	8th	287·9	279·7	1st	293·2	..	..	54	..
1166	Mitchell	26 32	147 52	336	..	..	..	300·7	308·0	8th	286·1	276·3	1st	293·4	−0·1	..	28	− 7
1167	Rockhampton	23 24	150 30	11·3	1011·6	1012·6	− 2·9	302·5	312·3	9th	291·2	285·9	1st	296·9	0·0	*296·2*	104	+ 58
1168	Brisbane	27 28	153 2	11·6	1012·9	1014·2	− 1·9	298·4	303·4	4th	289·1	283·9	1st	293·8	−0·3	*293·2*	84	+ 17
1169	Quitchambo	21 52	166 3	38	1008·8	1013·2	..	301·2	304·5	1st	289·8	284·0	24th	295·5	..	..	346	+279
1170	Norfolk Island	29 5	167 53	15·2	1014·7	1016·2	− 1·5	294·8	297·9	20th	289·6	284·2	27th	292·2	+1·1	*291·8*	132	+ 35
		S.	E.															

Between Latitude 30° S. and 40° S.

OCTOBER—ZONE 12.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		S.	W.															
1221	Juan Fernandez	33 37	78 50	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1221a	Punta Tumbes	36 37	73 6	91	1006·3	1017·4	− 0·9	288·2	293·0	28th	281·3	276·5	5th	284·7	−0·2	*284·9*	19	+ 4
1222	Punta Angeles, Valparaiso	33 1	71 38	41	1013·1	1017·9	+ 0·1	290·4	296·5	27th	283·0	279·9	2nd	286·7	−1·2	*286·0*	2	− 9
1222a	Santiago	33 27	70 42	520	955·9	1016·5	− 0·1	296·4	305·6	28th	280·3	274·6	1st	288·3	+0·5	*286·9*	1	− 13
1223	Cordoba	31 25	64 12	423	965·9	1014·6	+ 0·9	302·2	313·4	..	283·7	276·9	..	292·9	+2·5	292·9	6	− 55
1224	Bahia Blanca	38 45	62 15	25	..	1017·0	+ 1·8	297·1	308·3	30th	283·0	273·5	3rd	290·1	+1·9	289·9	18	− 39
1225	Buenos Ayres	34 46	58 22	25	..	1018·3	+ 1·9	295·7	303·9	30th	283·5	275·0	3rd	289·6	−0·1	290·0	4	− 86
1226	Montevideo (Prado)	34 53	56 12	24·9	1016·3	1018·1	+ 1·2	..	307·2	..	..	271·6	..	..	+0·6	288·5	10	− 53
1226a	Rio Grande	32 2	W52 9	2	1016·7	1016·9	+ 2·9	292·5	300·3	31st	286·4	278·5	4th	289·5	−1·4	*289·6*	47	− 34
1239	Cape Town	33 56	E 18 29	11·3	..	1017·8	+ 0·1	294·1	301·1	17th	285·2	277·9	21st	289·6	+0·5	*288·6*	19	− 25
1240	Danger Point	34 37	19 18	19·5	..	..	..	291·4	294·4	4th	285·2	280·2	23rd	288·3	..	..	22	..
1241	Heidelberg	34 5	20 58	30·5	..	..	..	297·3	306·3	7th	284·0	275·8	5th	290·7	..	..	14	− 35
1242	East London	33 2	27 53	9·8	1015·6	1016·7	− 0·4	294·6	299·1	21st	287·2	277·4	16th	290·9	+0·5	..	57	− 46
1259	Perth (Observatory)	31 57	115 50	60·0	1007·2	1014·3	− 2·5	293·3	300·8	17th	283·7	279·7	12th	288·5	−0·6	..	48	− 6
1260	Katanning	33 42	117 35	310	977·3	1013·6	− 2·1	292·6	300·7	4th	270·6	273·6	13th	286·1	−0·8	..	31	− 9
1261	Coolgardie	30 57	121 10	423	964·0	1012·4	− 2·5	295·9	305·8	27th	284·3	278·1	12th	290·1	−0·5	..	47	+ 28
1262	Eucla	31 45	128 58	4·6	1012·5	1013·1	− 2·1	292·2	302·3	11th	283·3	276·8	26th	287·8	−2·2	..	50	+ 32
1263	Streaky Bay	32 48	134 13	13·1	1014·0	1015·5	− 0·3	293·3	302·9	29th	283·1	276·3	14th	288·2	−1·7	..	29	+ 5
1264	Adelaide	34 56	138 35	42·7	1009·6	1014·6	− 1·5	293·5	299·6	11th	283·7	276·5	18th	288·6	−1·0	*288·3*	49	+ 5
1265	Melbourne	37 49	144 58	35·1	1010·0	1014·2	− 0·5	291·8	297·1	8th	282·0	276·7	1st	286·9	−0·3	286·8	78	+ 12
1266	Bourke	30 13	145 58	110	1003·1	1016·0	+ 1·1	298·1	306·9	12th	285·8	278·6	1st	292·0	−2·4	..	64	+ 38
1267	Sydney	33 52	151 12	44·5	1009·2	1014·5	− 0·4	293·2	299·9	23rd	286·4	283·0	18th	289·8	−0·7	..	287	+212
1268	Lord Howe Island	31 32	159 4	4·6	1014·0	1014·5	..	294·4	297·5	17th	287·7	283·1	14th	291·1	..	..	213	+ 74
1271	Auckland	36 50	174 50	38·1	..	1015·5	..	290·3	293·0	19th, 29th	284·6	280·8	24th	287·4	+0·3	..	152	+ 61
1272	Napier	39 32	176 53	21·3	..	1015·6	+ 2·7	291·8	297·7	21st, 28th	283·3	279·9	23rd	287·6	+0·4	..	75	+ 21
		S.	E.															

Between Latitude 40° S. and 50° S.

OCTOBER—ZONE 13.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		S.	W.															
1301	Chatham Island	43 52	170 42	104	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1321	Isla Huafo	43 34	74 45	140	1002·3	1019·4	+ 1·3	284·3	289·2	26th	279·8	277·3	31st	282·1	0·0	*281·9*	37	− 18
1322	Punta Galera	40 1	73 44	40	1014·4	1019·3	+ 0·7	285·9	287·4	23rd, 26th	281·1	279·0	sev. dates	283·5	+0·1	*283·5*	25	− 82
1323	Sarmiento	45 30	69 0	274	..	1011·8	..	293·4	302·8	24th	279·7	270·0	2nd	286·5	+1·8	286·2	9	..
1324	Punta Madryn	42 49	W64 58	14	..	1015·1	..	294·1	304·1	30th	281·6	273·0	2nd	287·9	+0·6	286·9	6	− 10
1365	Launceston	41 27	E147 10	10·1	1012·0	1013·0	+ 1·6	290·6	296·8	8th	280·5	273·9	1st	285·6	+0·5	..	110	+ 42
1366	Hobart	42 53	147 20	53·9	1005·6	1012·3	+ 1·9	289·3	297·7	8th	280·7	275·1	1st	285·0	−0·2	*284·2*	62	+ 5
1370	Invercargill	46 25	168 21	5·5	..	..	..	288·4	296·9	10th	277·9	271·9	6th	283·2	−0·4	..	57	− 64
1371	Dunedin	45 52	170 31	91·4	..	1013·0	+ 4·4	288·1	294·1	24th	279·3	275·2	1st	283·7	+0·3	..	36	− 41
1371a	Christchurch	43 32	172 38	7·6	..	1013·6	+ 3·4	288·9	295·1	29th	279·8	273·1	2nd	284·3	−0·4	..	21	− 21
1372	Wellington	41 16	174 46	2·4	..	1015·1	+ 3·5	288·3	293·0	9th	281·8	275·7	3rd	285·1	−0·3	..	133	+ 28
		S. ° ′	E. ° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Estimates not based on at least six equally-spaced observations each day are in *italics*.

OCTOBER—ZONE 14. Table representing the Meteorology of the Globe between Latitude 50° S. and 60° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1421	Islota de los Evangelistas	52 24	75 6	55	1001·4	1008·2	+ 3·5	280·5	283·0	20th	277·7	275·5	31st	279·1	+0·5	*279·1*	168	− 78
1422	Puerto de Punta Arenas	53 10	70 54	4	1005·9	1006·4	+ 3·3	284·7	289·2	17th	276·1	271·3	4th	280·4	+0·8	*280·4*	38	+ 9
1423	Punta Dungeness	52 24	68 26	5	1006·7	1007·3	+ 3·8	284·1	286·8	26th	275·6	273·8	6th	279·9	−0·2	*279·6*	7	− 3
1424	Santa Cruz	52 22	68 21	12	..	1009·6	+ 2·1	290·2	300·0	24th	277·2	269·4	5th	283·7	+0·7	283·1	7	− 1
1424a	Año Nuevo	54 39	64 9	50	997·1	1003·2	..	281·0	283·7	19th	276·0	273·3	23rd	278·5	..	278·3	37	..
1425	Stanley, Falkland Is.	51 41	57 51	4	..	..	..	..	..	..	..	..	..	..	..	..	41	+ 1
1426	Cape Pembroke	51 41	57 42	21	..	1006·6	+ 2·5	281·4	287·4	16th	275·5	271·9	2nd	278·4	+0·2	278·7	..	..
1429	S. Georgia(CumberlandBay)	54 14 S.	36 33 W.	4	1003·6	1004·1	+ 3·5	277·7	288·9	19th	270·4	264·5	7th	274·1	−1·2	*273·8*	106	+ 34

OCTOBER—ZONE 15. Between Latitude 60° S. and 70° S.

1527	South Orkneys	60 44 S.	44 39 W.	6·1	..	996·3	+ 4·7	..	278·3	..	..	249·5	..	..	−0·2	268·7	14	− 18
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Estimates not based on at least six equally-spaced observations each day are in *italics*.

DAILY OBSERVATIONS OF WIND WITHIN THE TROPICS.—OCTOBER 1916.

Date.	St. Helena. 1035. Direction.	St. Helena. 1035. *Mean Velocity for the Day.	Fanning Island. 805. Direction and Force.	Sierra Leone. 834. Direction and Force.	Entebbe. 844. Direction and Force.	Malden Island. 905. Direction and Force.	Tulagi. 969. Direction and Force.	Ocean Island. 970. Direction and Force.	Suva, Fiji. 1072. Direction and Force.
	9h.	m/s	9h. 21h.	9h. 17h.	9h. 21h.	9h.	9h.	9h. 21h.	9h.
1	SSE	8·7	.. ..	NE 1 E 1	W 3 SW 2	ESE 3	SE 2	E 3 E 3	SE 4
2	SSE	8·0	.. ..	E 1 Calm 0	W 3 W 3	ENE 3	SE 4	E 3 E 3	SE 4
3	SSE	9·3	.. ..	Calm 0 Calm 0	W 3 W 2	ENE 3	SE 2	ESE 4 E 3	SE 3
4	SE	10·8	.. ..	SE 1 E 1	E 4 SW 2	SE 2	SE 4	E 3 E 3	SE 3
5	SE	10·5	.. ..	E 1 Calm 0	W 3 W 2	ESE 3	SE 4	E 5 E 3	SE 4
6	S	7·6	.. ..	E 1 E 1	SW 2 W 2	E 2	SE 4	E 5 E 3	SE 4
7	SE	7·3	.. ..	E 1 E 1	W 3 S 3	ENE 2	SE 4	E 4 E 3	NE 1
8	SSE	6·3	.. ..	E 1 Calm 0	N 2 W 3	ENE 2	SE 2	ESE 6 E 4	SE 3
9	S	8·0	.. ..	E 1 E 1	SW 2 N 3	NE 2	SE 2	E 5 E 4	SE 3
10	SSE	8·7	.. ..	Calm 0 E 1	SW 2 N 3	E 3	SE 4	E 3 E 3	NE 2
11	SE	8·8	.. ..	E 1 E 1	W 2 N 3	E 3	SE 4	E 3 ESE 3	N 2
12	S	9·5	.. ..	W 2 W 1	SW 2 N 2	ESE 3	SE 4	E 3 E 4	SE 3
13	SSE	10·5	.. ..	Calm 0 Calm 0	W 3 SW 3	ESE 2	SE 4	ESE 5 E 4	SE 3
14	SE	11·5	.. ..	W 1 W 2	SW 2 N 2	E 3	Calm 0	E 5 E 6	SE 3
15	SSE	11·1	.. ..	W 2 Calm 0	N 2 N 2	ESE 3	SE 2	E 6 ENE 6	SE 3
16	SSE	11·5	.. ..	W 1 W 1	N 2 N 3	E 3	SE 4	ENE 5 ENE 6	SE 3
17	SSE	11·4	.. ..	NW 1 W 1	E 7 N 3	ENE 3	SE 4	E 5 E 5	SE 3
18	SSE	10·5	.. ..	W 1 W 4	W 3 W 2	ESE 2	SE 4	E 5 E 4	SE 2
19	SSE	6·5	.. ..	W 1 E 1	W 2 W 3	ESE 2	SE 2	E 4 E 4	NE 1
20	SSE	5·8	.. ..	E 1 E 1	SW 2 W 3	ESE 3	SE 2	ENE 6 ENE 4	SE 3
21	SSE	5·5	.. ..	E 1 Calm 0	N 3 W 2	ESE 2	SE 2	E 5 E 4	SE 3
22	SSE	5·1	.. ..	Calm 0 Calm 0	N 2 N 3	E 2	SE 2	E 5 E 4	SE 3
23	S	7·3	.. ..	Calm 0 Calm 0	E 3 N 2	E 3	SE 2	E 6 E 5	SE 3
24	SSE	10·9	.. ..	Calm 0 Calm 0	W 5 N 3	E 4	SE 6	E 5 E 4	SE 3
25	SE	11·2	.. ..	Calm 0 Calm 0	Calm 0 SW 2	E 6	SE 2	E 4 E 4	SE 0
26	SE	12·0	.. ..	E 1 Calm 0	E 5 W 3	E 4	SE 2	E 3 E 4	Calm 1
27	SSE	9·7	.. ..	Calm 0 E 1	SW 2 N 2	E 3	Calm 0	ENE 4 E 4	NW 0
28	SSE	..	.. ..	E 1 Calm 0	E 6 W 2	NNE 4	SE 2	E 6 E 4	Calm 1
29	SE	..	.. ..	E 2 Calm 0	W 3 N 2	NE 5	SE 4	ESE 5 E 4	SE 1
30	SSE	4·6	.. ..	Calm 0 Calm 0	W 3 W 3	ESE 3	SE 2	ESE 5 E 4	SE 1
31	S	6·7	.. ..	SW 1 NE 6	SW 2 SW 2	E 2	SE 2	E 3 E 4	NE 2
Mean	..	8·8	.. ..	0·8	0·8	2·8	2·5	2·9	2·6	4·4	3·9	2·3
†Resultant	155° (92)	..	..	60° (19)		275° (60)		90° (87)	135° (93)	90° (97)		120° (65)
†Normal	145° (92)	8·7	133° (75)	261° (15)		245° (33)		85° (83)	136° (83)	115° (38)		100° (61)

* Velocity of the South East Trade Wind at 632 metres.
† Direction and "constancy." For explanation see Introduction.

STATE OF ICE IN THE ARCTIC SEAS AND IN THE NORTH ATLANTIC.—OCTOBER 1916.

* *Barents Sea.*—At the beginning of the month the ice was driven westward by N and E winds and on the 8th the edge reached to Bear Is.
* *Spitsbergen.*—Young ice formed in Bell Sound, Green Harbour and Icefiord and by the middle of the month had attained a considerable thickness. Much drift ice was observed off Bell Sound.
* *Iceland.*—The coasts of Iceland and Grimsey were free of ice, as is usual in this month.
North Atlantic and Labrador.—No bergs were seen on the Newfoundland Banks and very few in Belle Isle Strait.
* *Davis Strait.*—The west coast of Greenland, C. Farewell and Julianehaab Bay were free. A few bergs were seen near C. Farewell, the outermost being in 38° W.
* *Baffin Bay and Smith Sound.*—Wolstenholme Sound froze up on the 5th, the ice later attaining a thickness of nearly 5 feet. Off Smith Sound the sea was covered with pack ice.
* *Beaufort Sea.*—Early in the month the sea was open between Herald Is. and C. Lisbourne.
* *Bering Strait* was open.

**Isforholdene i de arktiske Have*, 1916 and 1917, published by the Danish Meteorological Institute.

RÉSEAU MONDIAL, NOVEMBER 1916.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF NOVEMBER 1916 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE.

Between Latitude 80° N. and 70° N. NOVEMBER—ZONE 1.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
123	Inglefield Bay	77 20	67 30	?	1006·6	..	− 4·8	..	..	..	..	..	..	..	..	*257·4*	5	..
124	Upernivik	72 47	W56 7	18·9	1004·3	1006·7	− 2·3	267·3	275·6	18th	261·5	252·0	30th	264·4	+1·2	*264·3*	28	+ 4
125																		
126																		
139	Spitsbergen(GreenHarbour)	78 2	E 14 14	11·4	1009·7	1011·2	+ 4·0	..	274·0	18th	252·0	235·3	26th	..	−4·3	255·4	52	+ 22
140																		
141	Gjesvaer																	
142	Mehavn	71 6	25 22	6·5	1003·4	1004·2	− 0·9	..	278·5	16th	270·8	265·1	5th	..	+1·7	*273·2*	128	+ 57
143	Vardö	71 1	27 47	6·4	1003·2	1004·0	+ 0·5	..	279·3	16th	270·5	262·1	5th	..	+1·9	*273·0*	89	+ 13
147		70 22	31 8	10·0	1003·6	1004·9	− 1·3	..	277·6	16th	270·2	263·0	5th	..	+1·9	*272·7*	60	0
148	Malye Karmakouly	72 23	52 43	14·8	..	..	..	..	..	..	..	..	..	..	..	..	19	+ 6
	Waigatz	70 24	58 47	11·2	1004·3	1005·8	− 4·2	266·9	274·2	2nd	255·8	243·0	21st	261·4	..	*261·4*	5	..
		N.	E.															

Between Latitude 70° N. and 60° N. NOVEMBER—ZONE 2.

203	Nome	64 31	165 24	4·6	1003·8	1004·4	− 1·1	267·7	276·3	..	258·9	244·1	..	263·3	−0·8	..	5	− 19
204	Candle	65 55	161 57	2·4	..	..	..	262·4	271·9	9th	253·9	241·9	7th	258·2	..	..	..	..
205	Tanana	65 8	152 0	73·8	999·3	1009·2	− 0·7	258·4	274·1	..	249·7	231·9	..	254·1	−0·2	..	34	+ 19
206	Rampart	65 30	150 15	122	..	..	..	258·2	273·6	13th	249·9	231·9	26th	254·0	..	..	10	− 6
207	Valdez	65 30	150 15	122	..	..	..	258·2	273·6	13th	249·9	231·9	26th	254·0	..	..	10	− 6
208	Eagle	64 46	141 12	248	976·1	1008·2	− 1·4	263·7	280·8	..	256·4	238·0	..	260·1	+3·3	..	6	− 6
209																		
210	Dawson	64 4	139 20	328	968·0	1010·4	− 1·8	262·4	279·7	17th	255·2	243·0	24th	258·8	+3·0	..	6	− 24
211	Carcross	60 11	134 34	662	..	..	..	271·0	280·2	29th	261·9	246·9	10th	266·4	+1·3	..	5	− 20
212	Fort Good Hope	66 15	128 53	65·2	1003·0	1011·8	..	260·2	274·1	16th	250·1	236·3	25th	255·2	..	..	18	..
213	Fort Simpson	61 52	121 35	129	993·9	1010·8	..	264·7	285·2	16th	256·9	247·4	11th	260·8	+6·0	*260·9*	12	− 11
214	Hay River	60 51	115 20	161	990·2	1011·2	..	268.0	283·6	16th	259·1	245·8	27th	263·6	+4·4	..	13	..
225																		
226	Jacobshavn	69 13	51 2	12·6	1004·3	1005·9	− 1·9	..	..	..	..	..	..	..	..	..	19	+ 3
227	Godthaab	64 11	51 44	9·0	996·6	997·8	− 5·6	272·0	279·2	12th	267·0	262·4	30th	269·5	+1·3	*269·8*	14	− 33
229	Ivigtut	61 12	48 10	5·0	997·2	997·8	− 4·5	..	..	..	267·0	262·3	30th	..	+1·3	*271·3*	25	− 87
	Angmagsalik	65 37	37 34	31·7	1000·2	1004·2	+ 0·9	271·5	280·0	15th	267·5	258·1	30th	269·5	+1·8	*269·6*	100	+ 9
231																		
232	Stykkisholm	65 5	22 46	11·3	1002·2	1003·6	− 1·2	276·4	283·5	16th	272·4	267·5	26th	274·4	+1·0	*274·5*	27	− 36
233	Vestmanno	63 26	20 15	7·7	998·7	999·7	− 4·2	278·3	282·0	16th	273·5	268·1	26th	275·9	+0·5	*276·4*	100	− 32
233a	Grimsey	66 33	17 58	22·0	..	..	..	275·4	281·6	15th	271·9	266·0	26th	273·7	+0·6	*273·6*	5	− 24
234	Akureyri	65 40	18 4	6·8	1004·0	1004·9	− 1·6	..	..	..	..	..	..	..	..	..	..	..
	Berufjord	64 40	14 19	18·0	1001·0	1003·2	− 2·0	276·5	281·4	17th	271·3	264·8	11th	273·9	+0·6	*274·5*	100	− 11
235																		
236	Thorshavn	62 3	6 45	25·7	996·2	999·3	− 6·6	280·5	283·0	14th	276·6	271·1	27th	278·5	+0·9	*278·8*	289	+123
	Lerwick	60 9	W 1 8	18·0	998·3	1000·5	− 6·4	281·8	284·1	11th	278·7	274·7	27th, 28th	280·3	+1·4	*280·6*	173	+ 65
237																		
238	Bergen (Met. Obs.)	60 24	E 5 19	44·4	999·2	1004·6	− 6·4	..	287·5	5th	277·1	270·0	18th	..	+2·0	*279·0*	286	+108
239	Christiansund	63 7	7 45	17·8	1002·2	1004·3	− 5·9	..	284·6	6th	276·7	272·1	18th	..	+2·1	*278·9*	83	− 28
240	Trondhjem	63 26	10 25	39·5	1001·2	1006·1	− 3·8	..	284·0	7th	273·9	267·4	18th	..	+2·8	*276·4*	73	− 35
241	Bodö	67 17	14 24	22·4	1002·3	1005·1	− 2·0	..	280·6	9th	273·6	267·8	4th	..	+2·3	*276·1*	65	− 61
242	Haparanda	65 50	24 9	9·2	1007·7	1008·9	− 1·1	273·8	277·5	9th, 29th	269·5	263·0	4th	271·7	+3·8	*271·8*	81	+ 34
242a	Helsingfors	60 10	24 57	12·0	1013·0	1014·4	+ 0·4	276·8	280·7	1st	274·5	264·7	16th	275·6	+2·4	*275·8*	84	+ 22
	Kuopio	62 54	27 40	90·3	1001·5	1012·8	− 0·4	275·4	279·9	2nd	271·5	262·1	15th	273·4	+3·3	*273·6*	57	+ 10
243																		
244	Kola	68 53	33 1	6·7	1005·9	1006·8	− 1·8	273·8	277·3	16th, 17th	268·1	253·1	5th	271·0	+4·7	*271·2*	41	+ 17
245	Petrozavodsk	61 47	34 23	38·9	1011·6	1016·5	+ 2·8	..	282·9	10th	..	..	..	..	+4·6	*274·4*	4	− 36
246	Arkhangelsk	64 35	40 36	5·8	1012·4	1013·1	+ 1·9	274·4	278·1	10th	269·4	258·5	21st	271·9	+4·6	*271·9*	39	+ 8
247	Mezen	65 50	44 16	12·6	1009·4	1011·0	+ 1·8	272·6	278·0	11th	266·6	247·3	21st	269·6	+4·6	*269·7*	59	+ 43
248	Oust-Tsylma	65 25	52 14	? 70	1003·8	1012·8	− 0·3	270·2	277·4	11th	262·5	237·3	22nd	266·4	+3·1	*266·3*	44	..
	Tcherdyn	60 24	56 31	?177	998·4	1021·4	+ 4·0	268·8	275·9	11th	262·9	237·1	22nd	265·8	+3·4	*266·0*	62	+ 19
249																		
250	Berezov	63 56	65 4	39·9	1009·6	1015·0	− 0·2	..	275·4	11th	255·3	235·4	22nd	..	+2·8	*260·8*	16	− 3
251	Obdorsk	66 31	66 35	23·7	1008·6	1011·7	− 0·9	..	275·6	11th	251·6	236·2	21st	..	+0·9	*257·0*	21	+ 9
252	Sourgout	61 15	73 24	? 40	1012·6	1017·9	− 0·3	..	274·5	12th	255·5	235·3	22nd	..	+1·3	*259·9*	23	+ 2
253																		
254	Doudinka	69 23	86 4	20	1006·7	1009·4	− 3·8	..	269·1	1st	243·3	225·1	23rd	..	..	*248·1*	6	..
	Touroukhansk	65 47	87 57	45	1010·2	1016·4	− 0·3	..	268·2	29th	242·0	217·6	23rd	..	−3·8	*248·5*	24	+ 4
261																		
262	Olekminsk	60 22	120 26	155	1000·2	1021·2	− 1·1	..	271·9	14th	248·1	231·0	27th	..	+1·9	*253·8*	18	+ 4
263	Iakoutsk	62 1	129 43	108	1006·8	1022·0	− 1·2	..	261·5	5th	241·7	219·5	27th	..	+3·1	*247·3*	13	+ 3
264	Verkoiansk	67 33	133 23	100	996·0	1010·3	− 6·4	..	265·5	4th	232·6	216·7	27th	..	+4·0	*240·1*	9	+ 2
	Oust-Maiskoe	60 25	134 29	?100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
271																		
272	Markovo-sur-Anadyr	64 45	170 50	25·0	1009·2	1012·7	+ 0·2	250·8	273·5	10th	239·2	229·5	20th	245·0	−8·7	..	30	+ 19
	Novo-Mariinskii Post	64 45	177 33	5·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N. °	E. °	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Estimates not based on at least six equally-spaced observations each day are in *italics*.

NOVEMBER—ZONE 3.

Table representing the Meteorology of the Globe between Latitude 60° N. and 50° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
303	Dutch Harbor	53 54	166 32	4·0	..	..	..	276·6	281·3	..	272·1	268·0	..	274·3	−0·4	..	102	− 71
304																		
305	Kodiak	57 47	152 22	1·8	998·6	998·8	+ 1·2	277·1	281·3	..	271·5	266·9	..	274·3	..	..	151	+ 22
306																		
309	Sitka	57 4	135 20	27·4	1003·2	1006·6	+ 2·6	280·0	285·8	..	274·3	268·6	..	277·2	+0·5	..	216	− 21
310	Prince Rupert	54 18	130 18	51·8	1004·0	1010·4	+ 2·7	279·7	286·9	16th	275·2	268·6	11th	277·4	−0·7	..	392	+ 96
311	Barkerville	53 2	121 35	1274	868·8	..	..	271·3	276·9	21st	263·6	248·0	11th	267·4	−0·9	*267·4*	126	+ 43
312	Kamloops	50 42	120 29	385	978·0	1026·0	+ 5·7	275·8	286·9	2nd	268·6	258·0	12th	272·2	−2·9	*272·1*	16	− 11
313	Calgary	51 2	114 2	1045	893·0	..	..	278·6	286·3	2nd, 3rd	266·3	249·7	12th	272·4	+2·5	*272·4*	7	− 6
314	Fort Chipewyan	58 42	111 10	218	984·7	1012·8	..	269·1	277·4	16th, 17th	261·3	246·9	12th	265·2	+3·8	*265·4*	17	− 8
315	Prince Albert	53 10	106 0	442	959·2	1014·1	− 1·5	274·7	287·4	17th	264·1	253·0	11th, 12th	269·4	+3·9	*269·0*	17	− 20
316	Qu'Appelle	50 30	103 47	645	935·8	1014·6	− 1·0	274·1	286·9	4th	265·2	251·9	12th	269·7	+2·4	268·9	4	− 21
317	Minnedosa	50 15	99 50	515	951·9	1015·7	− 1·5	273·6	287·4	5th	264·7	254·1	12th	269·1	+1·8	*268·5*	3	+ 71
318	Berens River	52 18	97 23	216	..	..	..	272·6	293·6	4th	262·7	250·8	25th	267·7	+1·3	*267·1*	102	..
318a	Fort Nelson	57 4	92 31	14·9	1009·0	1010·9	..	265·2	278·6	7th	257·4	238·6	27th	261·3	..	..	15	..
319	Fort Hope	51 33	87 49	335	981·4	1014·2	..	268·6	281·9	6th	259·1	243·6	25th	263·8	−2·1	..	..	− 43
320	Moose Factory	51 14	80 30	9·1	1014·3	1015·5	+ 0·6	269·7	284·7	7th, 8th	261·3	245·2	26th	265·5	−2·7	..	5	..
321	Fort George	53 50	79 5	?	..	..	..	269·3	279·7	7th	264·2	252·4	28th	266·8	..	..	..	..
322	Mistassini Post	50 15	73 55	383	..	..	..	268·9	276·3	8th	262·1	243·6	26th	265·5	..	..	83	..
323	Hebron	58 12	62 21	15·0	1010·7	1012·6	+ 4·3	..	..	..	264·4	256·3	..	..	..	*266·1*	..	..
324	Natashquan	50 8	61 48	?	..	..	..	272·2	279·7	10th	264·3	252·4	29th, 30th	268·3	..	..	79	..
325																		
326	Belle Isle	51 23	55 23	133	..	..	..	..	..	..	..	..	..	..	..	..	..	..
334	Cahirciveen (Valencia Obs.)	51 56	10 15	13·7	1002·3	1004·0	− 8·6	283·4	286·3	10th	279·4	273·0	19th	281·4	−0·2	281·7	228	+ 89
335	Aberdeen	57 10	2 6	26·8	998·7	1002·0	− 7·6	282·1	288·0	11th	277·9	273·6	27th	280·0	+1·4	280·1	83	+ 50
336	Greenwich	51 28	W 0 0	48·5	1003·0	1008·9	− 5·5	282·9	288·0	1st	276·4	269·1	28th	279·7	+0·3	279·7	108	..
337	Uccle	50 48	E 4 22	100	999·0	1011·3	− 3·6	281·6	289·1	4th	276·0	269·1	18th	278·8	−0·1	278·9	65	− 5
338	De Bilt	52 6	5 11	3·0	1010·8	1011·2	− 3·4	282·3	287·9	14th	276·0	269·4	17th	279·1	+1·2	278·9	51	+ 11
338a	Hamburg	53 33	9 58	40	1007·6	1012·5	− 2·3	280·8	287·4	4th	276·5	269·2	19th	278·7	+1·1	*278·5*	66	+ 5
339	Copenhagen	55 41	12 36	5·0	1011·2	1011·8	− 1·5	280·5	285·2	12th	277·8	272·7	17th	279·1	+2·1	*279·3*	53	+ 6
340	Potsdam	52 23	13 4	84·9	1003·9	1014·5	− 1·0	280·7	288·4	2nd	274·9	267·1	18th	277·8	+1·1	277·5	38	+ 2
340a	Upsala	59 51	17 38	24·0	1008·3	1011·3	− 1·4	278·5	282·7	9th	274·9	264·4	16th	276·7	+3·9	276·8	48	+ 3
341	Warsaw	52 13	21 1	133	1001·4	1017·9	+ 0·8	280·1	288·5	9th	275·0	266·5	18th	277·6	+2·5	277·3	16	+ 3
342	Jurjev	58 23	26 43	74·5	1007·5	1016·8	+ 3·8	277·0	282·7	10th	273·8	265·0	17th	275·4	+2·9	275·3	44	..
343	Petrograd	59 56	30 16	4·8	1016·3	1016·9	+ 2·7	276·3	282·4	10th	273·2	265·0	21st	274·8	+3·2	*274·8*	41	+ 5
344	Kiev	50 27	30 30	183	1000·8	1023·8	+ 4·8	276·9	283·6	13th	272·7	259·6	19th	274·8	+0·7	*274·7*	37	− 23
344a	Moscow	55 50	37 33	167	1003·0	1024·3	+ 6·7	273·6	278·7	6th	269·6	256·5	18th	271·6	+1·0	*271·6*	20	− 14
345	Saratov	51 32	46 3	59·9	1022·3	1030·1	+ 8·2	..	280·2	16th	..	..	..	..	−0·4	*271·0*	31	− 11
346	Kazan	55 47	49 8	79·9	1017·6	1028·0	+ 8·6	273·0	279·1	7th	266·8	251·7	22nd	269·9	+0·7	*269·8*	16	− 6
347	Orenburg	51 45	55 6	109	1018·3	1032·5	+ 9·0	273·4	281·1	16th, 17th	264·0	249·4	23rd	268·7	−0·3	*268·4*	28	− 22
348	Perm	58 1	56 16	163	1003·6	1024·8	+ 6·0	269·5	276·6	4th	263·3	242·1	22nd	266·4	+0·4	*266·6*	30	..
349	Ekaterinburg	56 49	60 38	281	988·6	1024·6	+ 4·0	270·0	278·1	13th	263·5	244·5	22nd	266·8	+1·2	*266·8*	17	− 3
350	Tobolsk	58 12	68 14	108	1007·6	1021·8	+ 3·6	..	276·6	13th	261·2	239·5	22nd	..	+1·8	*264·8*	7	− 20
351	Akmolinsk	51 12	71 23	?347	986·2	1031·0	+ 3·1	268·7	..	..	260·0	241·7	23rd	264·4	−0·9	*264·8*	11	− 21
352	Omsk	54 58	73 23	87·9	1012·3	1023·9	+ 0·7	269·2	275·5	18th	..	239·5	23rd	..	+1·5	*265·0*	33	+ 71
353	Barnaoul	53 20	83 48	162	1008·7	1029·9	+ 1·7	..	280·4	20th	260·6	240·9	3rd	..	+0·3	*264·8*	34	..
354	Tomsk	56 30	84 58	122	1007·9	1024·0	− 0·3	..	275·2	20th	257·6	240·4	24th	..	+1·0	*262·8*	92	+ 47
355	Minousinsk	53 43	91 41	249	996·2	1028·4	− 0·5	..	278·4	20th	260·7	245·0	6th	..	..	*265·4*	17	+ 13
356	Eniseisk	58 27	92 10	77·6	1011·9	1022·3	− 1·6	..	275·1	21st	255·5	227·6	24th	..	+0·4	*260·7*	49	+ 12
357	Irkutsk	52 16	104 19	467	967·9	1027·9	− 0·7	..	277·9	21st	256·0	238·2	25th	..	−0·1	*262·2*	31	..
358	Kirensk	57 47	108 7	263	..	..	..	..	..	..	..	..	..	..	..	..	..	..
359	Tchita	52 2	113 30	687	938·4	1025·9	− 0·5	..	274·2	1st, 17th	253·0	239·0	13th	..	+0·3	*258·9*	14	+ 3
360	Blagoveshchensk Priisk	58 10	114 19	490	959·9	1024·2	− 3·2	..	271·8	15th	249·6	229·5	27th	..	..	*255·1*	62	..
360a	Nertchinskii Zavod	51 19	119 37	626	946·2	1026·3	+ 0·9	..	276·6	1st	253·6	242·8	29th	..	+1·3	*258·6*	10	..
361	Tygan Ourkan	54 5	124 46	379	974·2	1023·8	..	263·3	271·4	2nd	251·6	240·5	14th	257·4	..	*257·5*	9	..
362	Blagoveshchensk (Bureau Météor.)	50 16	127 30	142	1003·9	1022·5	+ 2·2	269·9	278·3	23rd	259·0	244·9	30th	264·4	+2·9	*264·1*	12	+ 7
363	Paikanskii Sklad	50 11	130 7	145	1003·2	1022·3	..	269·1	279·5	1st	255·1	234·5	30th	262·1	..	*261·7*	11	..
364																		
365	Nikolaevsk-sur-Amour	53 8	140 45	21·2	1015·4	1018·2	+ 6·3	..	274·0	2nd	257·9	248·7	30th	..	+0·6	*263·8*	17	− 15
366	Okhotsk	59 21	143 12	6·0	1012·6	1013·4	+ 0·4	261·0	268·4	19th, 20th	253·5	242·3	26th	257·2	−0·9	*257·4*	8	+ 2
367																		
368	Petropavlovsk (Radio)	53 0	158 39	13·5	1012·4	1014·1	− 0·7	274·1	278·8	1st	268·1	262·3	22nd	271·1	..	*271·0*	23	..
369																		
		° ′ N.	° ′ E.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Estimates not based on at least six equally-spaced observations each day are in *italics*.

NOVEMBER—ZONE 4.

Table representing the Meteorology of the Globe between Latitude 50° N. and 40° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
411	Victoria, B.C.	48 24	123 19	70·1	1012·2	1020·9	+ 5·4	280·8	284·1	1, 2, 8,	276·3	271·3	12th	278·6	−1·0	278·4	57	−107
412	Portland, Oregon	45 32	122 41	86·6	1017·2	1022·7	+ 4·1	282·5	287·4	3rd	276·5	271·3	13th	279·5	−1·3	*279·3*	160	− 6
413	Macleod	49 44	113 24	954	..	..	..	277·4	286·9	5th	267·9	246·3	13th	272·7	+0·9	..	22	+ 8
414	Helena	46 34	112 4	1253	876·3	1023·0	+ 3·0	276·4	292·4	4th	266·2	248·6	12th	271·3	−1·9	*271·1*	8	− 10
414a	Salt Lake City	40 46	111 54	1329	872·5	1024·0	+ 3·8	280·0	294·1	3rd	270·7	260·2	13th	275·3	−2·2	*275·4*	23	− 12
415	Cheyenne	41 8	104 48	1856	813·7	1021·7	+ 2·9	278·6	292·4	5th	266·6	243·6	13th	272·6	−1·5	*273·1*	22	+ 11
416	North Platte	41 8	100 45	859	919·9	1022·0	+ 2·9	282·5	298·6	3rd	267·7	252·4	14th	275·1	−0·3	*274·4*	12	+ 2
416a	Bismarck	46 47	100 38	511	957·2	1019·6	+ 0·9	279·2	292·4	5th	265·3	252·4	13th	272·2	+1·9	*271·6*	3	− 12
417	Winnipeg	49 53	97 7	232	986·8	1016·0	− 0·7	274·7	286·9	5th	265·8	255·2	13th	270·2	+3·4	?269·6	8	− 16
418	Duluth	46 47	92 6	345	974·9	1017·6	+ 0·5	275·8	291·9	6th	267·1	255·2	25th	271·4	−1·4	*270·8*	2	− 30
419	Port Arthur	48 27	89 12	196	991·5	1016·2	+ 0·4	275·2	285·8	7th	266·3	254·1	25th	270·8	+0·9	*270·7*	3	− 34
420	Chicago	41 53	87 37	251	987·8	1018·3	+ 0·4	283·0	296·3	6th	275·5	263·0	14th	279·2	+1·9	*279·3*	54	− 6
421	Toronto	43 40	79 24	116	1003·7	1018·3	+ 1·5	279·7	290·8	8th	272·4	261·9	26th	276·1	+0·7	275·4	42	− 33
422	New York (Central Park)	40 46	73 58	30·2	1016·3	1020·0	+ 2·2	284·4	294·7	9th	276·6	269·1	26th	280·5	+0·8	280·6	54	− 25
423	St. John, N.B.	45 17	66 4	36·2	..	1016·6	+ 2·8	277·4	285·2	24th	270·2	260·2	17th	273·8	−1·8	273·8	65	− 47
424	S.W. Point, Anticosti	49 24	63 33	9·1	1012·6	1013·8	+ 2·6	273·6	280·8	10th	268·6	260·8	30th	271·1	−1·1	..	34	− 37
424a	Sable Island (Main Station)	43 57	60 6	7·6	1015·8	1016·7	+ 2·3	280·8	285·8	2nd, 10th	276·3	269·7	21st	278·6	−1·3	..	63	− 81
425	Port aux Basques	47 35	59 10	9·1	1012·2	1013·3	+ 1·1	275·8	283·0	10th	271·3	267·4	sev.	273·6	−1·4	..	75	− 40
426	St. John's, Newfoundland	47 34	52 42	38·1	1004·2	1009·0	− 2·1	276·9	285·2	10th	271·3	264·1	30th	274·1	−2·0	..	83	− 62
435	Madrid	40 24	3 41	655	938·7	1015·8	− 2·9	286·9	296·0	1st	276·2	270·0	23rd	281·5	−0·2	280·9	75	+ 25
436	Nantes	47 15	W 1 34	36·5	1007·0	1011·4	− 4·6	284·1	290·2	3rd	277·9	272·8	23rd	281·0	+0·3	280·8	128	+ 48
437	Paris (Parc St. Maur)	48 49	E 2 29	50·3	1006·3	1012·5	− 3·9	283·0	290·7	4th	275·9	269·4	17th	279·5	+0·5	279·3	44	− 5
438	Marseilles	43 18	5 23	74·8	1002·4	1011·5	− 3·3	288·6	292·6	8th	279·3	273·4	16th	283·9	+0·7	283·6	45	− 48
438a	Zürich	47 23	8 33	493	956·7	1016·2	− 2·8	280·1	291·5	1st	274·9	268·5	17th	277·5	+0·6	277·2	68	− 1
439	Rome	41 54	12 28	50·6	1006·8	1012·5	− 3·6	289·6	293·1	20th	282·6	274·6	17th	286·1	+1·4	*286·0*	122	+ 6
440	Vienna	48 15	16 22	203	991·4	1016·6	− 1·5	281·3	290·4	5th	277·1	269·1	17th	279·2	+2·6	279·1	26	− 15
440a	Buda-Pesth	47 31	19 1	130	1002·1	1018·0	+ 0·4	282·8	291·0	10th	277·0	267·7	18th	279·9	+2·6	*279·6*	55	+ 4
441	Monastir	41 1	21 23	617	..	..	..	..	..	..	..	..	..	..	..	..	..	..
442	Bucharest	44 25	26 6	82	1011·1	1021·2	+ 1·6	283·1	288·1	5th	277·3	271·0	18th	280·2	+2·7	280·0	25	− 20
443	Odessa (University)	46 29	30 44	65·3	1015·1	1023·3	+ 3·0	280·8	284·5	8th, 9th	276·3	269·0	18th	278·6	+0·6	*278·3*	19	− 15
444	Kharkov (University)	50 0	36 14	140	1008·8	1026·5	+ 5·3	276·3	282·7	14th	271·5	265·8	19th	273·9	+0·3	*273·7*	18	− 20
444a	Novorossiisk	44 44	37 49	37·1	1017·1	1021·6	+ 1·7	288·8	295·5	9th	280·1	276·8	30th	284·4	+2·4	*283·9*	84	+ 15
445	Tiflis	41 54	12 28	50·6	1006·8	1012·5	− 3·6	289·6	293·1	20th	282·6	274·6	17th	286·1	+1·4	*286·0*	122	+ 6
446	Vienna	48 15	16 22	203	991·4	1016·6	− 1·5	281·3	290·4	5th	277·1	269·1	17th	279·2	+2·6	279·1	26	− 15
446a	Buda-Pesth	47 31	19 1	130	1002·1	1018·0	+ 0·4	282·8	291·0	10th	277·0	267·7	18th	279·9	+2·6	*279·6*	55	+ 4
447	Monastir	41 1	21 23	617	..	..	..	..	..	..	..	..	..	..	..	..	..	..
448	Bucharest	44 25	26 6	82	1011·1	1021·2	+ 1·6	283·1	288·1	5th	277·3	271·0	18th	280·2	+2·7	280·0	25	− 20
449	Aralskoe More	46 47	61 42	57·0	1027·1	1034·6	+ 6·2	274·9	284·6	19th	264·2	248·0	23rd	269·6	+1·3	*269·5*	0	..
450	Tachkent	41 20	69 18	479	973·2	1032·4	+ 6·5	282·4	298·6	20th	269·2	257·9	24th	275·8	−4·7	*274·9*	15	− 19
451	Narynskoe	41 26	76 0	?2015	802·4	..	..	..	..	..	256·3	246·4	25th	..	−5·8	*263·5*	5	..
452	Vernyi	43 16	76 53	? 825	932·3	1033·8	+ 5·5	274·7	290·0	20th	262·9	246·7	24th	268·8	..	*268·1*	34	..
461	Mukden	41 48	123 23	43·8	1022·3	1027·9	+ 3·1	279·9	291·2	4th	268·1	259·1	29th	274·0	+1·9	273·3	27	+ 4
462	Joshin	40 40	129 11	4·0	1024·7	1025·2	+ 4·7	283·1	288·4	2nd	272·9	262·2	28th	278·0	−1·5	277·3	31	− 19
463	Yuki	42 20	130 24	65·6	1017·7	1026·1	..	279·6	286·4	3rd	270·6	262·9	27th, 28th	275·1	..	275·0	18	..
464	Vladivostok	43 7	131 55	28·8	1022·4	1026·0	+ 5·3	278·2	285·8	1st	269·8	258·5	29th	274·0	+1·5	273·7	68	+ 39
465	Ochiai	47 20	142 44	6·6	1019·3	1020·1	+ 6·7	277·3	282·9	8th	267·4	260·2	29th	272·3	+1·9	272·4	57	− 22
466	Nemuro	43 20	145 35	26·7	1018·2	1021·5	+ 7·6	282·0	287·8	27th	275·4	268·4	29th	278·7	+1·7	278·9	82	+ 3
466a	Syana	45 14	147 53	39·3	1016·0	1020·9	+ 7·5	280·6	287·5	8th, 26th	273·9	268·0	30th	277·3	+1·5	277·4	75	− 43
		N.	E.															

Between Latitude 40° N. and 30° N.

NOVEMBER—ZONE 5 (Western Half).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
511	San Francisco	37 48	122 26	47·2	1015·9	1021·7	+ 2·7	289·5	295·8	10th	281·4	279·7	13th	285·4	−1·2	*284·9*	38	− 22
512	San Luis Obispo	35 18	120 39	61·3	1013·5	1021·0	+ 2·6	293·4	301·9	1st	277·7	273·0	21st	285·6	−1·3	*285·1*	10	− 31
513	San Diego	32 43	117 10	26·5	1015·2	1018·3	+ 2·0	291·3	296·3	10th	281·9	276·9	14th	286·6	−1·7	*286·3*	1	− 19
514	Modena	37 48	113 54	1670	837·1	1022·7	+ 3·7	282·9	296·3	2nd	264·9	258·0	14th	273·9	−2·6	*272·8*	2	− 11
515	Santa Fé	35 41	105 57	2138	788·3	1019·3	+ 1·5	283·4	293·0	2nd	270·2	260·8	14th	276·8	−0·1	*276·3*	2	− 17
516	Denver	39 45	105 0	1613	839·0	1021·3	+ 3·2	283·0	297·4	5th	269·8	253·6	13th	276·4	−0·7	*276·2*	17	+ 3
517	Abilene	32 23	99 40	530	958·5	1020·6	+ 1·9	291·3	301·9	1st	277·0	264·1	14th	284·2	−1·3	*283·1*	22	− 13
518	Saint Louis	38 38	90 12	173	998·7	1019·6	+ 0·2	287·4	299·1	4th	277·6	263·6	14th	282·5	+3·1	*282·4*	64	− 5
519	Mobile	30 41	88 2	17·4	1019·2	1021·3	+ 1·5	293·8	300·8	12th	283·3	271·3	15th	288·6	+0·5	*287·7*	66	− 27
520	Nashville	36 10	86 47	166	1002·8	1023·0	+ 2·5	289·4	298·6	5th	276·9	265·2	15th	283·1	+0·6	*282·9*	25	− 64
521	Charleston	32 47	79 56	14·6	1020·0	1021·7	+ 1·5	292·4	299·1	10th	283·8	273·0	16th	288·1	+0·6	*288·1*	28	− 36
522	Washington	38 54	77 3	34·1	1017·3	1021·3	+ 1·8	286·2	297·4	9th	275·7	268·6	16th	280·9	+0·9	*281·1*	54	− 9
524	Bermuda	32 18	64 46	46·0	1013·8	1019·2	+ 1·9	295·8	299·1	1st	290·6	284·0	22nd	293·2	0·0	*293·3*	7	−117
530	Santa Cruz (Flores)	39 27	31 9	28	1013·9	1017·0	− 3·1	292·3	295·0	3rd	284·9	281·8	19th	288·6	−1·3	*288·7*	246	+ 77
531	Horta	38 32	28 38	63	1010·2	1017·4	− 1·7	292·3	294·5	11th	288·3	285·3	19th	290·3	+0·4	290·3	87	− 42
532	Ponta Delgada	37 44	25 40	22	1016·5	1018·4	− 0·7	292·2	294·1	6th	288·8	284·5	30th	290·5	+0·8	290·6	..	..
532a	Faja da Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	202	+ 27
533	Madeira (Funchal)	32 37	16 54	25	1017·4	1020·3	+ 2·0	295·2	298·0	11th, 22nd	290·4	288·0	30th	292·8	+1·4	*292·9*	15	−115
534																		
535	Lisbon	38 43	9 9	95	1005·3	1016·8	− 0·9	289·4	294·3	14th	284·4	278·7	28th	286·9	+0·3	*286·9*	126	+ 11
536	Gibraltar	36 6	5 21	16·2	1014·4	1016·3	− 0·3	291·3	296·4	2nd	284·2	279·7	28th, 29th	287·8	−0·6	*288·1*	193	+ 32
536a	Melilla	35 18	2 59	8	1018·9	1019·9	+ 0·3	294·2	298·4	3rd	283·2	279·8	28th	288·7	−2·6	*290·0*	112	+ 63
		° N.	° W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Estimates not based on at least six equally-spaced observations each day are in *italics*.

NOVEMBER—ZONE 5 (Eastern Half).

Table representing the Meteorology of the Globe between Latitude 40° N. and 30° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ E.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
537	Palma	39 34	2 38	23	1010·1	1012·8	− 3·6	291·1	296·4	1st	284·7	280·6	23rd	287·9	−0·1	..	40	− 15
538	Algiers (Bouzaréah)	36 48	3 2	344	973·3	1013·7	− 3·4	290·6	300·7	1st	284·9	278·4	20th	287·7	+0·4	287·4	269	+182
539	Tunis	36 48	10 10	33	..	..	..	291·5	300·0	5th	281·6	273·8	24th	286·5	−1·8	*286·2*	106	+ 52
539*a*	Malta	35 53	14 30	58·8	..	1014·1	− 3·4	295·1	297·4	21st	288·3	285·6	24th	291·7	+1·5	*290·9*	83	− 10
540	Riposto	37 41	15 14	14·2	..	1014·9	− 1·8	292·1	294·4	9th, 19th	286·0	283·6	13th, 17th	289·1	−0·1	*288·5*	90	− 24
541	Athens	37 58	23 43	107	1005·3	1018·2	+ 1·3	291·7	294·1	20th	286·0	283·4	5th	288·9	+1·9	288·9	47	− 12
542	Alexandria	31 12	29 53	32·0	1013·0	1016·7	− 0·7	298·8	302·9	14th	291·5	287·8	3rd	295·2	+1·7	*293·8*	21	
543	Cairo (Helwan)	29 52	31 20	116	1001·5	1015·0	− 1·9	300·3	306·4	14th	289·1	284·5	28th	294·7	+1·9	294·0	0	− 3
544	Nicosia (P.W.D.)	35 9	33 22	159	998·8	1017·5	+ 1·1	297·6	301·3	12th	283·6	278·6	20th	290·6	+2·2	..	2	− 53
544*a*	Beirut	33 54	35 28	33·7	..	1015·7	+ 0·3	298·1	300·5	9th	291·3	288·8	6th	294·7	+2·4	..	30	−102
545	Baghdad	33 21	44 28	38·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
546	Busrah	30 31	47 53	7·6	..	..	..	302·1	307·2	4th	286·3	280·2	23rd	294·2	+2·2	..	1	− 24
546*a*	Lenkoran	38 46	48 51	−19·3	1029·5	1027·2	+ 5·4	..	293·4	20th	281·4	278·0	14th	..	−0·5	*283·5*	115	− 39
547	Teheran	35 41	51 25	1220	..	..	..	..	..	..	..	..	..	..	..	..	..	..
548	Meshed	36 16	59 35	946	..	..	..	287·0	297·7	18th	268·7	263·0	25th	277·8	−4·5	..	3	− 12
549	Seistan	31 0	61 30	?	..	..	..	291·4	304·0	17th	274·9	267·3	26th	283·2	..	..	0	..
550	Quetta	30 11	67 3	1677	837·4	..	− 0·2	289·1	295·4	1st	268·6	261·7	25th	278·8	−3·9	*278·5*	0	− 5
551	Peshawar	34 2	71 37	339	978·3	1019·0	− 0·3	297·2	300·6	1st	279·1	273·6	30th	288·1	−1·4	*287·0*	0	− 1
551*a*	Lahore	31 34	74 20	214	991·1	1016·9	− 0·3	299·4	303·0	1st	280·7	275·9	30th	290·1	−1·9	*288·8*	1	− 11
552	Simla	31 7	77 8	2205	783·1	..	− 0·7	286·8	290·4	15th	280·3	276·1	25th	283·6	+0·3	*283·3*	0	− 1
552*a*	Leh	34 10	77 42	3503	667·1	..	− 2·3	281·5	286·7	2nd	265·8	262·3	28th	273·6	−0·6	*272·5*	0	
559	Hang Kow	30 35	114 17	37·0	1022·9	1027·4	+ 1·8	287·9	294·6	24th	280·8	272·7	29th	284·3	−0·6	*284·2*	57	+ 4
560	Tientsin	39 10	117 10	5·0	1028·2	1028·8	+ 2·9	283·2	293·3	1st	274·7	266·8	28th	278·9	+1·0	*278·7*	34	+ 21
561	Shanghai (Zi-Ka-Wei)	31 12	121 26	7	..	1024·7	+ 0·8	290·4	297·8	25th	281·2	273·5	30th	285·8	+0·8	284·9	43	+ 26
562	Jinsen (Chemulpo)	37 29	126 37	67·6	1017·7	1026·2	+ 3·5	285·0	295·4	6th	276·0	266·3	28th	280·5	+0·3	280·0	66	+ 62
562*a*	Nagasaki	32 44	129 52	133	1004·7	1020·7	+ 1·0	291·4	298·7	7th	284·3	278·3	28th	287·8	+1·0	287·2	21	+100
563	Kioto	35 1	135 44	42·9	1016·7	1021·9	+ 2·9	290·7	297·0	8th	280·7	274·5	23rd	285·7	+3·2	285·5	177	+165
564	Tokio	35 41	139 45	21·3	1019·4	1022·0	+ 5·3	288·0	296·7	27th	280·4	275·8	15th, 24th	284·7	+1·2	284·3	268	+165
565	Kanayama	37 53	140 46	24·6	1019·4	1022·4	+ 4·0	287·3	297·3	8th	276·2	268·5	16th	281·7	+0·7	281·3	225	+ 36
566	Miyako	39 38	141 59	30·4	1018·7	1022·4	+ 5·7	287·9	295·5	27th	276·1	270·2	16th	282·0	+1·0	281·1	105	

NOVEMBER—ZONE 6.

Between Latitude 30° N. and 20° N.

605	Honolulu	21 19	157 52	11·6	1016·7	1018·0	+ 1·3	299·4	301·3	..	294·3	290·8	..	296·9	+0·3	*297·4*	33	− 60
606																		
615	Zacatecas	22 47	102 35	2610	..	..	..	..	..	..	..	..	..	..	..	..	..	..
616	Leon	21 7	101 41	1800	..	..	..	..	..	..	..	..	..	..	..	..	..	..
617	Tulancingo	20 5	98 22	2180	..	..	..	..	..	..	..	..	..	..	..	..	..	..
618	Galveston	29 18	94 50	16·5	1019·6	1021·7	+ 2·4	293·4	299·1	3rd	286·9	274·7	15th	290·2	−0·2	*290·0*	55	− 39
618*a*	New Orleans	29 58	90 4	16·2	..	1021·0	+ 1·5	294·7	300·2	8th	285·3	273·6	15th	290·0	+0·4	*289·3*	22	− 64
619	Havana	23 8	82 21	24·3	..	1015·9	− 0·1	299·0	302·2	15th	294·6	288·6	20th	296·8	+0·1	*296·6*	125	+ 45
620	Key West	24 33	81 48	6·7	1016·0	1016·6	− 0·3	299·0	301·9	15th	293·9	288·6	20th	296·4	−0·6	*295·9*	51	+ 6
621	Nassau, Bahamas	25 5	77 21	3·7	..	..	..	..	..	..	294·9	290·5	19th	..	−0·5	*296·6*	149	+ 77
622	Watling Island	24 6	74 26	33·5	1011·4	1015·3	+ 0·2	..	302·5	25th	..	294·1	20th	..	..	*297·9*	..	..
633	Izaña	28 19	16 30	2367	769·8	..	..	285·4	290·8	10th	278·3	270·9	29th	281·9	..	281·3	10	− 44
634	La Laguna	28 28	16 20	547	955·5	1018·9	0·0	292·1	296·2	10th	285·2	281·8	25th	288·6	−0·1	*288·1*	44	..
636	Colomb-Béchar	31 38	W 2 13	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
637	Timimoun	29 9	E 0 10	?	..	..	..	298·4	306·2	1st	281·9	275·8	28th	290·1	..	*289·2*	0	..
641	Siwa	29 12	25 29	−23	..	..	..	..	..	..	..	..	..	..	..	..	..	..
642																		
643	Aswan	24 2	32 53	99·6	1001·2	1012·6	− 1·7	305·5	309·9	13th	291·7	288·2	4th	298·6	+2·4	*297·5*	..	..
644	Tor	28 13	33 37	1·9	1013·3	1013·5	− 1·5	299·4	301·5	14th, 22nd	288·3	284·0	30th	293·8	+0·8	*293·6*	..	..
647	Bushire	28 59	50 53	4·3	1016·6	1017·2	+ 0·7	298·8	303·8	5th	289·7	284·9	30th	294·3	+0·1	*294·0*	0	− 4
648	Jask	25 44	57 47	4·0	1017·2	1017·7	+ 1·1	301·2	304·7	18th	290·6	285·1	27th	295·9	−1·6	*295·6*	0	− 1
649	Robat	29 45	60 55	?	916·4	..	..	294·8	301·2	1st	278·2	270·1	27th	286·5	..	..	0	− 1
649*a*	Karachi	24 53	66 57	4·0	1015·8	1016·2	+ 0·2	301·9	306·8	3rd	290·0	286·3	30th	295·9	−1·2	*295·6*	0	− 2
650	Hyderabad, Sind	25 24	68 18	29·3	1012·8	1016·2	+ 0·4	302·1	306·6	2nd, 8th	286·0	279·6	29th	294·1	−2·3	*293·8*	0	− 4
650*a*	Jacobabad	28 17	68 29	56·7	1010·1	1016·8	+ 0·4	302·7	307·7	17th	281·7	276·7	28th	292·2	−1·8	*291·5*	0	− 3
651	Jaipur	26 56	75 52	436	966·9	1017·4	− 0·3	301·2	303·8	10th	283·1	276·3	28th	292·2	−2·6	*291·2*	0	+ 4
652	Nagpur	21 8	79 5	310	979·0	1014·4	− 1·5	301·9	303·8	3rd	290·2	283·4	22nd	296·1	+0·6	*295·8*	65	
653	Allahabad	25 25	81 51	94·1	1005·3	1016·2	+ 0·1	299·7	303·9	1st	285·6	279·9	29th	292·6	−1·1	*291·7*	13	+ 5
653*a*	Darjiling	27 3	88 18	2266	778·3	..	− 0·7	287·5	291·2	10th	279·7	277·9	30th	283·6	+1·2	*283·3*	1	+ 13
654	Calcutta	22 36	88 23	6·4	1013·3	1014·0	− 1·1	300·7	303·4	2nd	292·3	288·9	22nd	296·5	+0·6	*296·1*	27	+ 10
655	Gauhati	26 8	91 41	59·7	1009·0	1016·0	− 0·5	299·0	302·3	9th	290·7	287·5	25th	295·3	+0·6	*294·6*	18	+ 200
655*m*	Cherrapunji	25 15	91 42	1314	870·7	..	− 0·6	293·5	296·7	10th	285·7	283·1	30th	289·6	+0·6	*288·9*	272	+793
655*a*	Akyab	20 11	92 56	6·1	1012·1	1012·7	− 0·9	301·8	304·6	1st	293·7	289·4	25th	297·8	−0·8	*297·4*	894	+ 24
656	Mandalay	21 59	96 0	76·2	1005·5	1014·3	− 0·4	304·6	309·1	1st	292·7	288·0	23rd	298·7	+0·4	*298·1*	67	− 46
656*a*	Tengyueh	24 59	98 35	1633	835·8	..	..	293·2	296·3	10th	280·5	275·2	22, 24, 25	286·9	..	*286·0*	47	− 26
657	Phu Lien	20 48	106 37	116	1004·7	1018·4	+ 1·1	298·0	303·5	7th	280·9	284·4	30th	293·9	−0·8	293·3	18	− 54
658	Moncay	21 31	107 51	9	1017·5	1018·5	+ 0·7	299·1	303·8	7th	287·1	279·6	30th	293·1	−0·9	*295·1*	4	
659	Hong Kong	22 18	114 10	33·2	..	1017·5	− 0·1	296·1	301·1	8th	289·9	281·3	29th	293·0	−0·8	292·9	2	− 41
660	Amoy	24 27	118 4	ca.3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
661	Taihoku, Formosa	25 2	121 31	9·3	1017·3	1018·4	− 0·2	296·0	303·5	3rd	290·0	283·5	12th	293·0	−0·1	292·6	75	+ 45
661*a*	Santo Domingo	20 28	121 59	18·7	..	1010·7	− 2·0	299·8	304·1	3rd	295·4	290·9	30th	297·6	−0·1	*297·5*	401	− 75
662	Naha	26 13	127 41	10·5	1013·6	1014·8	− 2·4	298·1	302·5	8th	292·5	288·5	30th	295·3	+1·2	294·9	75	+181
665	Titizima (Bonin Islands)	27 5	142 11	4·0	1014·0	1014·5	− 1·6	299·0	301·5	1st	294·8	292·3	25th	296·9	+0·9	296·7	338	
		° ′ N.	° ′ E.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Estimates not based on at least six equally-spaced observations each day are in *italics*.

NOVEMBER—ZONE 7.

Table representing the Meteorology of the Globe between Latitude 20° N. and 10° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
715	Zapotlanejo	19 38	103 37	1529	..	..	..	..	..	..	..	..	..	..	..	..	..	..
716	Morelia	19 42	101 0	1933	..	..	..	..	..	..	..	..	..	..	..	..	..	..
717	Mexico	19 26	99 8	2259	..	..	..	..	..	..	..	..	..	..	..	..	..	..
718	Oaxaca	17 4	96 44	1503	..	..	..	..	..	..	..	..	..	..	..	..	..	..
718*a*	Salina Cruz	16 12	95 16	56·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
719	San Salvador	13 42	89 12	684	936·8	1013·5	+ 1·1	297·2	309·8	29th	292·5	285·4	20th	294·9	−0·1	*295·3*	120	+ 69
720	Belize	17 29	88 12	5·2	..	..	..	..	300·2	..	..	290·8	..	..	..	..	521	+219
721	Jamaica, (Negril Point)	18 15	78 23	10·1	..	1011·0	− 1·3	302·2	304·3	7th	295·6	292·1	27th	298·9	0·0	*298·6*	157	+ 75
722	Port au Prince	18 34	72 22	37·4	1008·3	1012·6	− 0·2	302·3	305·0	5th	294·7	292·7	25th	299·0	−0·5	297·9	308	+230
723*a*	Caracas	10 31	66 56	1010	899·0	..	− 0·3	296·3	299·6	8th	288·3	285·8	20th	292·3	−0·8	*291·9*	146	+ 62
723*b*	St. Croix (Christiansted)	17 45	64 42	6·6	..	..	..	301·9	303·0	6th	..	..	..	..	0·0	*299·6*	216	+ 62
724	Montserrat	16 41	62 9	39·6	1008·7	1013·3	..	302·2	304·7	6th	295·4	293·0	18th, 29th	298·8	..	*298·3*	196	..
725	Grenada (Richmond Hill)	12 3	61 45	155	992·3	1010·1	− 0·7	301·6	303·0	1st	296·1	294·1	4th, 13th	298·9	−0·4	*298·3*	384	+176
	Barbados	13 8	59 30	55·2	..	1011·8	− 0·4	301·6	302·7	1st, 8th	295·5	293·2	30th	298·6	−0·3	*297·2*	229	+ 74
731	St. Vincent, C. Verde Is.	16 54	25 4	11	1012·1	1013·4	− 0·3	298·7	300·0	1, 4, 11	293·9	293·2	28th, 30th	296·3	−1·2	*297·2*	0	− 8
732	San Tiago, C. Verde Is.	14 54	23 31	?40	1008·9	1013·5	− 0·5	300·5	303·6	4th	297·1	293·2	4th	298·8	+0·4	*298·3*	0	− 12
733	Bathurst	13 24	16 36	1·5	..	1012·5	+ 0·5	302·3	307·4	23rd	293·5	288·0	27th	297·9	−1·3	*298·0*	0	− 7
734	M'Carthy Island	13 42	14 46	1·1	..	..	..	308·7	310·8	12th	291·9	287·4	29th	300·3	−0·2	..	0	− 5
735	Ségou	13 34	6 17	300	..	..	..	..	..	..	..	..	..	..	..	..	..	..
736	Timbuctoo	16 43	W 3 1	270	..	..	..	306·1	310·9	1st	289·8	282·9	27th	297·9	−1·9	*297·4*	..	..
737	Sokoto	13 2	E 5 14	353	..	..	..	311·4	312·4	sev. dates	289·4	283·6	30th	300·4	+0·5	..	0	0
738	Kaduna Junction	10 50	7 25	640	..	..	..	305·5	307·4	12th	289·4	284·7	3rd, 9th	297·4	+0·6	..	4	+ 3
739	Katagum	12 17	10 22	30·7	..	..	..	..	..	..	..	..	..	..	..	..	0	0
740	Maiduguri	12 9	13 12	1280	..	..	..	308·8	311·9	13, 18, 27	289·6	286·3	25th	299·2	−0·4	..	0	0
743	El Obeid	11 47	13 11	361	..	..	..	307·9	310·0	sev. dates	288·3	285·2	6th	298·1	+0·5	*298·0*	0	0
743*a*	Khartoum	13 11	30 14	569	945·4	1008·7	− 1·6	308·0	310·9	1st	294·1	290·8	26th	301·0	+0·4	*300·2*	0	0
744	Port Sudan	19 37	37 13	5·9	1011·2	1011·9	− 0·7	303·8	305·5	sev. dates	296·6	292·5	29th	300·2	−0·1	*299·8*	148	+106
745	Berbera, Somaliland	10 22	45 2	10·1	..	1014·4	+ 0·2	305·1	307·4	2nd, 3rd	293·8	291·3	24th	299·5	−0·3	*298·9*	0	− 5
746	Aden	12 45	45 3	28·7	1011·4	1014·6	− 0·5	301·6	305·3	5th	296·2	294·3	19th	298·9	−0·7	*298·3*	0	− 3
751	Bombay	18 54	72 49	11·3	1011·0	1012·3	− 1·8	303·2	304·4	16th	297·2	296·0	22nd	300·2	+0·5	*299·8*	18	+ 9
751*a*	Cochin	10 58	76 21	2·7	1011·1	1011·4	− 1·0	303·8	305·3	16th	296·4	295·1	30th	300·1	−0·2	*299·7*	112	− 48
752	Kodaikanal	10 14	77 28	2343	770·7	..	− 1·1	290·4	292·8	3rd	282·5	279·8	27th	286·5	+0·7	*285·9*	165	− 1
752*a*	Bangalore	12 59	77 38	920	911·0	1011·9	− 1·3	299·0	300·9	11th	290·1	287·4	27th	294·6	+0·1	*294·0*	252	+180
753	Madras	13 4	80 14	6·7	1010·9	1011·7	− 1·6	302·8	306·7	4th	296·2	293·4	23rd	299·5	+0·5	*299·0*	358	+ 34
754	Waltair	17 45	83 16	68·9	1005·2	1013·0	− 1·4	301·5	303·3	4th	295·5	292·9	10th	298·5	−0·3	*298·1*	84	+ 3
755	Port Blair	11 40	92 40	17·7	1009·2	1011·3	− 0·7	302·7	304·1	11th, 14th	297·9	296·4	4th	300·3	−0·4	*299·9*	193	− 60
756	Rangoon	16 46	95 48	5·5	1012·5	1013·3	− 0·2	302·6	304·7	11th	294·4	291·3	22nd	298·5	−1·2	*297·6*	139	+ 78
757	Saigon	10 47	106 42	11·2	1008·2	1009·5	− 0·8	303·1	305·1	7th	294·6	291·7	30th	298·9	−0·6	*298·3*	67	− 56
758	Nhatrang	12 15	109 12	3·6	1010·7	1011·1	− 0·8	300·3	303·8	8th	294·9	292·3	18th, 19th	297·6	−1·1	*297·2*	290	− 88
759	Bolinao	16 24	119 53	9·7	..	1007·6	− 2·1	304·4	306·3	2nd, 3rd	297·0	293·9	13th	300·7	+0·4	300·4	11	− 35
761	Vigan	17 34	120 23	12·2	..	1007·9	− 2·3	304·5	306·8	12th	294·8	291·0	30th	299·7	−0·6	299·2	37	0
761*a*	Manila	14 35	120 59	14·2	..	1007·9	− 2·1	303·7	305·0	4th	295·2	292·5	14th	299·5	−0·2	298·7	106	− 24
762	Ormoc	11 0	124 36	5·6	..	1007·0	− 1·7	304·5	306·8	4th	295·0	292·9	6th	299·7	+0·2	298·9	200	− 2
765	Guam, Ladrone Is.	13 24	144 38	20·4	..	1007·2	− 0·8	302·1	303·6	30th	296·5	294·2	2nd	299·3	−0·5	*299·5*	470	+286
		° ′ N.	° ′ E.															

Between Latitude 10° N. and 0°.

NOVEMBER—ZONE 8.

805	Fanning Island	3 55	159 23	4·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
821	Colon	9 23	79 23	**	..	1010·7	+ 0·2	302·7	305·2	11th	296·4	295·2	3rd	299·6	+0·3	*299·2*	358	−184
822	Bogota	4 36	74 6	2645	..	..	..	295·4	296·7	12th, 13th	287·8	285·7	28th	291·6	..	*290·8*	80	− 56
822*a*	Merida	8 36	71 10	1641	840·7	..	..	301·7	305·1	7th	?291·7	..	..	?296·7	−1·7	*?296·1*	88	− 2
824	El Peru, Guayanavieja	7 30	67 0	220	983·1	1008·1	− 1·0	301·9	303·0	6th	..	..	..	..	0·0	*299·6*	216	+ 62
825	Georgetown, Brit. Guiana	6 50	58 12	1·8	..	1010·4	− 3·3	302·6	304·1	12th	297·0	294·7	18th	299·8	−0·1	*299·4*	426	+280
826	Paramaribo	5 49	55 9	3·7	1009·7	1010·1	− 1·5	304·8	306·5	4th	295·8	294·0	25th	300·3	+0·2	*298·9*	111	− 30
826*a*	Cayenne	4 56	52 21	6	..	..	..	305·2	306·6	23rd	296·0	294·4	18th, 26th	300·6	0·0	*301·1*	86	− 31
833	Conakry	9 31	13 43	16	1008·3	1010·1	− 1·1	303·3	305·4	..	297·0	293·6	..	300·1	−0·1	*299·7*	40	− 76
834	Freetown, Sierra Leone	8 30	13 9	68·3	1002·9	1010·7	− 0·4	303·8	305·2	1, 10, 28	296·7	293·6	25th	300·3	0·0	*299·8*	67	− 68
835	Cape Coast Castle	5 5	1 13	?	..	..	..	..	..	..	293·4	291·3	21st	301·2	..	..	6	− 54
836	Accra	5 12	W 0 12	18	..	..	..	302·9	303·6	1st	297·2	295·8	9th	300·1	+0·3	*299·7*	8	− 30
837	Lagos	6 27	E 3 24	1·8	1010·7	1010·9	− 1·4	303·8	305·4	..	296·6	294·4	..	300·2	−0·2	*299·7*	134	+ 68
838	Zungeru	9 49	6 10	130	..	..	..	307·7	309·1	1st, 13th	291·8	288·0	9th	299·8	+0·3	..	26	+ 22
838*a*	Libreville	0 23	9 26	35	1003·6	1007·6	..	303·8	305·0	sev. dates	295·1	293·5	22nd	299·5	+0·8	*298·9*	571	+219
839	Yola	9 12	12 30	259	..	..	..	308·3	309·7	26th, 28th	294·6	291·3	22nd	301·5	+0·6	..	0	− 2
841	Wau	7 42	28 3	440	958·3	1007·3	− 1·6	308·6	311·0	14, 17, 18	292·8	291·0	13th	300·7	+0·6	*299·3*	14	− 3
843	Mongalla	5 11	31 47	439	959·9	1008·7	+ 0·4	305·9	311·5	27th	292·8	291·0	sev. dates	299·4	−0·9	*298·2*	72	+ 26
843*a*	Malakal (Kodok)	9 35	31 37	394	..	..	..	306·6	308·5	sev. dates	291·6	288·5	6th, 25th	299·1	−0·7	*298·3*	9	+ 1
844	Entebbe	0 5	32 29	1171	882·3	..	− 1·2	299·5	301·3	30th	289·2	288·3	21st	294·3	−0·4	*294·6*	89	− 36
851	Harrar	9 42	42 30	1856	..	..	..	300·8	301·0	sev. dates	289·3	289·0	sev. dates	295·0	+2·5	..	7	− 8
852	Minicoy	8 17	72 49	2·1	1012·2	1012·4	+ 0·2	..	..	..	..	..	..	..	..	..	18	−116
853	Colombo Observatory	6 54	79 53	7·3	1009·0	1009·8	− 0·1	302·6	303·8	21st	295·3	293·6	7th	298·9	−0·9	*298·5*	204	−103
854	Nuwara Eliya	6 59	80 47	1886	..	..	..	293·9	297·6	5th	282·0	277·1	5th	287·9	−0·1	*287·3*	191	− 35
855	Trincomalee	8 34	81 14	30·2	1005·9	1009·3	− 0·3	304·1	306·9	3rd	296·7	295·4	23rd, 28th	300·4	+0·7	*300·0*	277	− 78
856	Kota Radja	5 32	95 20	7·1	..	1009·3	− 0·7	..	..	..	..	..	..	..	..	..	211	+ 19
857	Medan	3 35	98 41	25·0	..	1009·3	− 0·9	302·7	304·9	5th	294·4	292·5	1st	298·5	..	297·9	197	− 46
	Penang	5 34	100 20	6·3	1009·7	1010·4	0·0	304·3	305·2	24th	295·9	294·1	22nd	300·1	0·0	*299·6*	126	−182
858	Singapore	1 17	103 51	3·0	1008·3	1008·6	− 1·3	304·4	306·1	3rd, 16th	296·1	294·9	30th	300·3	+0·4	*299·8*	380	+127
859	Sandakan	5 50	118 7	?	..	..	..	304·5	306·3	1st	296·5	295·8	11

NOVEMBER—ZONE 9.

Table representing the Meteorology of the Globe between Latitude 0° and 10° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute M.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
905	Malden Island	4 2	155 1	7·9	1011·3	1012·2	+ 1·7	303·8	304·7	sev. dates	295·4	294·1	14th	299·6	−2·0	*298·9*	8	− 11
921	Quito	0 10	78 35	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
924	Manaos	3 8	60 1	44·9	1003·7	1008·8	− 2·5	305·6	309·6	7th	296·4	294·4	11th	301·0	−0·9	*300·1*	130	+ 3
926	Taperinha	2 30	54 42	20·0	1006·5	1008·8	..	..	..	..	295·6	294·3	25th	..	..	*299·2*	84	..
927	Turyassu	1 43	45 27	15·0	1007·6	1009·3	− 0·8	306·5	308·8	16th	295·9	292·2	4th	301·2	−0·1	*299·9*	15	+ 4
928	Barra do Corda	5 31	45 16	81·0	998·7	1008·0	+ 0·5	305·3	309·8	9th	295·3	293·4	21st	300·3	−0·4	*299·4*	193	+ 109
929	Quixeramobim	5 16	39 15	207	986·5	1009·9	− 0·8	306·4	307·8	17th	297·9	296·6	10th	302·1	−0·4	*301·1*	9	+ 6
930	Fernando Noronha	3 50	W32 55	95·0	999·2	1010·2	− 1·0	300·7	301·5	18th	296·9	295·6	16th	298·8	..	*297·9*	0	− 7
939	Loanda	8 49	E 13 13	59·3	..	1008·6	− 2·4	299·9	301·6	28th	296·4	295·7	22nd	298·1	+0·1	297·9	78	+ 49
940	Brazzaville	4 17	15 16	290	975·8	1008·7	..	304·2	306·0	12th	292·6	291·6	sev. dates	298·4	−0·2	*297·6*	177	− 44
943	Masaka	0 21	31 47	?1280	..	..	..	298·0	300·2	sev. dates	?287·4	?285·2	22nd	?292·7	−0·2	*292·4*	38	− 59
944	Nairobi	1 15	36 44	1800	..	..	..	295·2	299·1	5th	284·1	281·9	1st	289·7	−1·0	288·4	108	− 50
944a	Zanzibar	6 10	39 11	21·9	1011·7	1014·2	− 0·6	302·5	303·5	4th, 26th	298·4	297·1	21st	300·4	+0·4	*300·0*	75	− 145
945	Lamu	2 16	40 54	3·1	..	..	..	302·4	303·6	24th	296·9	296·3	29th	299·7	−0·6	*299·3*	7	− 36
947	Seychelles, Port Office	4 37	55 27	4·6	1011·4	1011·9	− 0·1	300·7	301·8	3rd	297·4	296·3	28th	299·1	−0·3	*298·5*	112	− 139
957	Padang	0 56	100 22	6·7	..	1009·4	− 1·6	303·5	305·0	9th	295·9	295·0	9th	299·7	..	299·0	407	− 118
958	Batavia	6 11	106 50	8·0	1007·7	1008·6	− 1·3	303·3	305·6	1st, 6th	295·9	293·6	5th	299·6	−0·2	299·1	121	− 18
958a	Pontianak	0 1	109 20	2·6	..	1009·2	− 1·3	303·1	304·9	12th	296·1	295·3	21st	299·6	..	298·8	233	− 162
959	Passeroean	7 38	112 55	5·0	..	1008·2	− 1·3	303·7	305·5	30th	295·8	294·2	2nd	299·7	−1·2	299·2	258	+ 196
960	Kajoemas	7 56	114 9	1060	..	..	..	296·0	297·9	30th	290·9	290·4	3rd	293·5	..	292·8	246	+ 83
962	Amboin	3 42	128 10	4·2	..	1008·0	− 0·6	303·0	304·6	30th	296·4	295·3	24th	299·7	+0·1	299·2	199	+ 55
963	Manokwari	0 52	134 20	19·0	..	1007·7	− 0·6	304·1	305·4	21st	297·2	296·5	1st	300·7	..	300·1	153	+ 4
965	Daru	9 4	143 13	7·6	..	1008·5	− 1·6	303·1	..	..	..	..	..	..	..	..	364	+ 207
966	Port Moresby	9 29	147 9	39·0	..	1008·4	− 1·6	305·3	..	..	297·6	..	..	301·4	+0·8	*300·9*	88	+ 38
967																		
968	Rendova	8 30	157 12	1·8	1008·3	1008·4	0·0	..	..	..	..	..	..	..	..	..	331	+ 5
969	Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	1007·7	1008·0	− 0·4	304·2	306·3	5th, 21st	296·8	294·7	24th	300·5	−0·2	*300·0*	353	+ 130
970	Ocean Island	0 52	169 35	25·6	1004·4	1007·4	− 0·7	304·7	305·8	13th	297·3	295·8	11th	301·0	−0·1	*300·2*	1	− 145
		S.	E.															

NOVEMBER—ZONE 10.

Between Latitude 10° S. and 20° S.

		S.	W.															
1002	Apia, Samoa	13 48	171 46	2	..	1010·7	+ 1·7	301·6	303·5	23rd	295·7	293·7	15th	298·6	−0·1	298·6	252	− 25
1003	Alofi, Niue Island	19 2	169 55	36·6	..	..	..	302·9	306·9	14th	290·2	287·4	8th	296·5	..	*295·7*	371	+ 264
1007	Makatea	15 47	148 14	47	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1021	Arequipa	16 22	71 33	2451	760·9	..	+ 0·1	292·1	293·7	1st, 7th	279·6	277·7	4th, 27th	285·8	−1·6	*285·6*	0	− 1
1022	Puerto de Arica	18 28	70 20	5	..	..	..	293·1	294·4	26th	287·5	286·0	6th	290·3	−0·3	*291·6*	0	0
1023																		
1024	Sucre, Bolivia	19 30	64 24	2848	727·2	..	..	292·2	298·6	27th	281·3	277·6	3rd	286·7	−3·8	*286·9*	59	− 2
1025	Corumba	19 0	57 39	116	993·6	1006·8	− 1·7	311·8	313·0	1st	..	..	..	..	..	*302·5*	15	+ 53
1026	Cuyaba	15 36	56 6	165	988·0	1006·7	− 1·8	305·4	307·8	10th	298·0	295·6	13th	301·7	+0·4	*301·1*	77	+ 79
1027	Bello Horizonte	19 55	43 55	857	914·7	1009·8	− 2·2	299·4	303·0	19th	290·3	285·4	13th	294·9	−0·1	*294·3*	145	− 68
1028	Caetite	14 2	42 36	900	912·5	1012·2	− 0·9	299·6	303·0	8th	290·9	288·5	2nd	295·3	−0·8	*295·3*	245	+ 115
1029	Ondina (Bahia)	13 0	38 30	47·0	1004·7	1010·1	− 2·0	302·0	305·6	25th	294·6	293·6	12th	298·3	−0·4	*297·7*	148	+ 7
1030	Aracaju	10 55	37 3	4·0	1011·1	1011·5	− 1·7	301·3	302·9	25th	296·4	293·1	27th	298·9	−0·5	*298·7*	74	+ 53
1035	St. Helena	15 57	W 5 40	632	945·3	1017·0	− 0·4	294·4	299·2	17th	285·2	284·4	9th	289·8	+1·2	*289·4*	23	− 21
1042	Gwelo	19 28	E 29 47	1417	860·5	..	− 0·7	301·4	305·8	1, 19, 29	..	..	..	..	..	..	88	− 59
1043	Salisbury, Rhodesia	17 48	31 5	1457	855·6	..	− 1·2	300·8	305·8	23rd	287·5	284·7	21st	294·1	−0·3	..	151	− 50
1044	Zomba	15 23	35 18	?945	906·0	1009·6	− 0·9	302·2	307·4	5th	291·0	289·1	17th, 19th	296·6	−0·4	*296·5*	218	+ 26
1045	Tananarivo	18 55	47 32	1400	864·4	..	− 0·5	298·7	304·1	2nd	287·7	286·0	27th	293·2	−0·8	*291·7*	390	..
1046	Sainte-Marie	17 0	49 51	15	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1055	Cocos Keeling Is.	12 5	96 53	4·6	1010·2	1010·8	− 1·5	301·8	304·7	20th, 22nd	297·1	294·7	21st	299·4	−0·5	*299·0*	110	− 10
1056																		
1057	Christmas Island	10 25	105 43	5·5	1006·6	1007·2	− 2·0	302·5	305·8	..	295·6	293·0	..	299·1	−1·1	*299·6*	363	+ 111
1058																		
1061	Koepang	10 10	123 34	45·1	..	1008·0	− 1·3	304·4	307·3	27th	296·1	294·2	22nd	300·3	..	299·6	53	− 40
1061a	Derby	17 18	123 40	16·2	1006·2	1008·1	− 1·2	307·4	311·3	20th	297·6	292·6	12th	302·5	−1·2	..	106	+ 26
1062	Hall's Creek	18 13	127 46	374	967·4	1008·2	− 0·6	308·8	313·6	27th	294·7	288·4	17th	301·8	−1·6	..	76	+ 5
1063	Port Darwin	12 28	130 51	29·6	1004·4	1007·6	− 0·9	306·2	308·1	25th, 26th	298·1	295·3	16th	302·1	−0·7	*301·0*	119	+ 13
1064	Daly Waters	16 16	133 23	211	982·5	1005·6	− 2·3	309·7	315·2	26th	294·6	289·9	18th	302·1	−2·1	*301·4*	123	+ 13
1065	Mein	13 13	142 47	122	992·9	1006·4	− 1·9	307·3	309·7	5th	295·3	292·2	22nd	301·3	0·0	*300·5*	80	+ 9
1066	Georgetown, Queensland	18 22	143 32	302	975·4	1008·8	− 1·3	308·6	310·8	25th	293·4	285·8	18th	301·0	−0·7	..	138	− 40
1067	Samarai	10 37	150 40	15·2	..	1007·6	− 2·2	303·2	..	..	297·1	..	..	300·1	+0·7	*299·7*	131	+ 61
1072	Suva, Fiji	18 8	178 26	16·8	1009·7	1011·6	− 0·8	302·1	304·3	18th	295·1	293·9	20th, 21st	298·6	+0·5	*298·1*	303	mm.
		S.	E.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	

* Mean of max. and min. or of observations at fixed hours.

† Estimates not based on at least six equally-spaced observations each day are in *italics*.

NOVEMBER—ZONE 11.

Table representing the Meteorology of the Globe between Latitude 20° S. and 30° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1105 1106	Rarotonga (Avarua)	21 12	159 47	6	..	..	..	299·7	301·3	sev. dates	293·5	291·3	14, 20, 31	296·6	−0·1	*296·2*	326	+ 173
1121	Punta Tortuga, Coquimbo	29 56	71 21	27	1013·5	1016·7	+ 0·9	291·1	293·2	6th	285·8	283·2	2nd	288·5	+0·7	*288·1*	0	− 2
1122	Iquique	20 12	70 11	9	1014·8	1015·9	+ 0·4	296·2	300·0	14th	287·7	285·0	6th	291·9	−0·1	*291·5*	0	0
1123	Catamarca	28 27	65 47	510	..	1005·0	− 1·7	308·2	313·7	14th	293·2	287·0	13th	300·7	+2·4	*300·5*	2	− 33
1124	Salta	24 46	65 28	1178	879·4	1006·4	− 1·0	302·9	308·4	27th	286·4	280·5	3rd	294·7	+1·8	*296·1*	2	− 58
1125	Goya	29 9	59 15	26	..	1010·2	− 0·7	305·5	313·5	18th	288·7	282·3	3rd	297·1	+2·5	*297·9*	47	− 61
1126	Asuncion	25 21	57 37	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1127 1128	Curityba	25 25	49 17	908	909·8	1011·3	− 2·7	298·4	304·6	19th	284·9	278·7	19th	291·7	0·0	*290·9*	67	− 64
	Rio de Janeiro	22 54	W43 10	61·4	1002·9	1010·1	− 2·5	299·0	306·6	2nd	293·4	290·9	8th	296·2	−0·1	296·0	50	− 55
1139 1140	Windhoek	22 34	E 17 6	1665	..	..	..	298·6	304·4	16th	288·9	285·3	1st	293·7	−2·1	*293·9*	29	+ 8
1141 1142	Kimberley	28 42	24 47	1202	880·4	..	− 0·3	303·5	308·4	17th	287·2	281·9	12th	295·3	+0·9	295·2	20	− 20
1142a	Johannesburg	26 11	28 4	1806	821·3	..	− 1·9	296·7	302·3	15th	284·4	277·6	12th	290·6	+0·2	*290·2*	107	− 1
1143	Pretoria	25 45	28 12	1338	869·5	..	..	300·1	305·9	15th	286·9	281·9	12th	293·5	..	..	82	− 35
1144	Durban	29 52	31 3	15·2	1013·4	1015·2	..	298·7	302·4	30th	290·9	288·0	12th, 19th	294·8	+0·4	*294·3*	70	− 58
1147	Lorenzo Marques	25 58	32 36	59·5	..	1014·3	− 0·6	301·6	310·6	3rd	292·6	288·8	21st	297·1	+0·4	296·8	24	− 57
1159 1160	Mauritius	20 6	57 33	55·2	1009·3	1015·8	− 0·3	300·7	302·4	29th	292·2	286·9	1st	296·5	−0·7	296·2	34	− 6
1161	Onslow	21 43	114 57	4·3	1007·4	1008·1	− 1·9	306·2	312·0	30th	291·9	289·1	24th	299·1	−0·3	..	0	− 1
1162	Peak Hill	25 38	118 47	588	942·7	1006·9	− 1·6	304·8	311·8	28th	290·0	283·0	5th	297·4	−2·3	..	19	+ 9
1163	Nullagine	21 53	120 5	386	964·8	1006·7	− 1·5	308·7	313·6	30th	293·2	283·7	13th	300·9	−2·0	..	32	+ 19
1163a	Laverton	28 40	122 23	466	958·3	1010·0	− 1·9	303·6	312·4	29th	289·3	283·0	5th	296·4	−1·0	..	13	− 8
1164	Alice Springs	23 38	133 37	587	944·0	1008·7	− 0·6	302·7	310·5	24th	289·9	281·9	15th	296·3	−2·9	*296·0*	40	+ 15
1164a	William Creek	28 55	136 21	76·2	1002·1	1010·9	− 1·5	300·7	308·0	24th	287·3	281·3	14th	294·0	−3·9	*293·6*	26	+ 15
1165 1166	Boulia	22 55	139 38	146	991·4	1007·5	− 1·2	307·4	315·8	23rd	293·4	286·0	12th	300·4	−1·4	..	104	+ 79
1167	Thargomindah	27 58	143 43	123	994·3	1008·2	..	301·7	309·9	25th	289·6	282·4	15th	295·6	..	..	22	..
1168	Mitchell	26 32	147 52	336	..	..	..	300·5	309·0	24th	287·3	280·8	15th	293·9	−3·1	..	89	+ 39
1169	Rockhampton	23 24	150 30	11·3	1007·9	1009·2	− 4·0	303·6	309·0	24th, 25th	291·9	286·1	18th	297·7	−0·9	*296·9*	85	+ 31
1169a	Brisbane	27 28	153 2	11·6	1008·5	1009·9	− 4·4	300·4	306·9	24th	289·6	284·2	17th	295·0	−1·1	*294·3*	157	+ 65
1170	Quitchambo	21 52	166 3	38	1006·3	1010·7	..	301·7	304·7	17, 26, 27	289·9	287·0	2, 5, 12	295·8	..	..	189	+ 90
	Norfolk Island	29 5	167 53	15·2	1011·6	1013·1	− 3·2	296·1	300·6	27th	290·4	286·3	22nd	293·2	+0·6	*292·8*	129	+ 52
		S.	E.															

NOVEMBER—ZONE 12.

Between Latitude 30° S. and 40° S.

		S.	W.															
1221	Juan Fernandez	33 37	78 50	10	..	..	..	289·3	291·0	10th, 13th	282·3	279·5	2nd, 3rd	285·8	−0·1	*285·9*	48	+ 31
1221a	Punta Tumbes	36 37	73 6	91	1005·6	1016·7	− 0·5	294·2	300·8	9th	284·3	282·2	3rd	289·3	−0·6	*288·3*	66	+ 58
1222	Punta Angeles, Valparaiso	33 1	71 1	41	1011·6	1016·4	+ 0·2	294·2	305·6	8th	282·7	278·4	28th	291·6	+1·3	*290·5*	23	+ 17
1222a	Santiago	33 27	70 42	520	955·4	1015·3	+ 0·5	300·5	305·6	8th	282·7	278·4	28th	291·6	+1·3	*290·5*	23	+ 17
1223	Cordoba	31 25	64 12	423	961·0	1008·9	− 2·1	305·2	313·3	..	286·9	280·7	..	296·1	+2·8	296·0	19	− 83
1224	Bahia Blanca	38 45	62 15	25	..	1009·4	− 1·7	299·0	308·0	12th	285·1	277·0	10th	292·1	+0·4	292·0	40	− 13
1225	Buenos Ayres	34 46	58 22	25	..	1010·6	− 3·0	298·6	308·1	15th	285·5	277·7	2nd	292·1	−1·0	292·2	83	+ 6
1226	Montevideo (Prado)	34 53	56 12	24·9	1007·8	1009·6	− 3·7	..	306·7	..	..	278·0	..	..	0·0	291·1	77	− 4
1226a	Rio Grande	32 2	W52 9	2	1010·8	1011·1	− 1·1	296·6	307·6	17th	289·2	283·8	5th	292·9	−1·0	*292·8*	41	− 19
1239 1240	Cape Town	33 56	E 18 29	11·3	..	1015·6	− 0·4	297·1	306·6	16th	286·8	282·1	10th	291·9	+1·6	*290·8*	9	− 18
1241	Danger Point	34 37	19 18	19·5	..	..	..	293·9	302·4	21st	286·5	281·9	26th	290·2	..	..	21	..
1242	Heidelberg	34 5	20 58	30·5	..	..	..	300·5	313·6	21st	285·8	280·2	19th	293·1	..	..	3	− 30
	East London	33 2	27 53	9·8	1014·2	1015·3	+ 0·2	295·7	300·2	30th	288·6	283·0	11th	292·1	+0·3	..	42	− 43
1259 1260	Perth (Observatory)	31 57	115 50	60·0	1004·7	1011·7	− 3·6	298·0	308·4	15th	287·1	283·4	4th	292·6	+0·7	..	71	+ 51
1261	Katanning	33 42	117 35	310	976·1	1011·7	− 3·1	297·8	307·1	15th, 28th	283·4	278·9	11th	290·6	0·0	..	28	+ 11
1262	Coolgardie	30 57	121 10	423	963·2	1010·9	− 2·0	300·3	309·6	16th	287·1	281·3	4th	293·7	−0·9	..	52	+ 35
1263	Eucla	31 45	128 58	4·6	1012·3	1012·8	− 1·8	293·1	306·9	30th	285·1	278·1	22nd	289·1	−2·7	..	14	− 4
1264	Streaky Bay	32 48	134 13	13·1	1012·6	1014·2	− 1·2	294·8	304·1	29th	284·3	278·7	8th	289·6	−2·8	..	25	+ 8
	Adelaide	34 56	138 35	42·7	1006·3	1011·4	− 3·7	293·7	304·2	30th	284·3	279·9	14th	289·0	−3·4	*288·5*	72	+ 43
1265 1266	Melbourne	37 49	144 58	35·1	1004·2	1008·4	− 5·8	292·6	302·7	20th	283·7	277·5	14th	288·2	−1·1	287·1	170	+ 114
1267	Bourke	30 13	145 58	110	998·6	1011·5	− 1·3	300·8	310·2	20th, 25th	287·3	280·8	17th	294·1	−4·2	..	42	+ 10
1268	Sydney	33 52	151 12	44·5	1003·2	1008·5	− 5·2	294·9	304·1	26th	287·2	282·6	17th	291·1	−1·3	..	67	− 6
	Lord Howe Island	31 32	159 4	4·6	1009·6	1010·1	..	296·3	298·8	5th	289·1	284·9	18th	292·7	..	..	112	+ 6
1271 1272	Auckland	36 50	174 50	38·1	..	1015·2	..	292·6	296·3	28th	286·5	280·8	1st	289·5	+0·8	..	197	+ 114
	Napier	39 32	176 53	21·3	..	1013·2	+ 1·2	294·8	299·4	15th	285·3	278·8	1st, 2nd	290·1	+1·2	..	38	− 26
		S.	E.															

NOVEMBER—ZONE 13.

Between Latitude 40° S. and 50° S.

		S.	W.															
1301	Chatham Island	43 52	170 42	104	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1321	Isla Huafo	43 34	74 45	140	997·8	1014·8	− 1·8	285·3	290·2	4th	280·1	276·2	27th	282·7	0·0	*282·9*	68	− 2
1322	Punta Galera	40 1	73 44	40	1013·0	1017·9	+ 0·3	287·6	291·2	16th	281·7	278·4	3rd	284·7	+0·2	*284·2*	189	+ 78
1323	Sarmiento	45 30	69 0	274	..	1004·7	..	292·3	301·7	11th	280·5	271·8	25th	286·4	−1·3	285·5	10	..
1324	Punta Madryn	42 49	W64 58	14	..	1007·2	..	295·6	304·6	16th	282·6	275·4	26th	289·1	−0·3	288·7	17	+ 9
1365 1366	Launceston	41 27	E147 10	10·1	1004·8	1005·8	− 4·5	291·8	297·3	20th	282·2	277·2	27th	287·0	−0·5	..	84	+ 38
	Hobart	42 53	147 20	53·9	999·1	1005·6	− 3·5	289·3	295·2	11th	282·2	278·8	15th	285·8	−1·2	*285·0*	180	+ 116
1370 1371	Invercargill	46 25	168 21	5·5	..	..	..	289·9	296·3	11th	280·4	275·2	3rd	285·2	+0·9	..	121	+ 8
1371a	Dunedin	45 52	170 31	91·4	..	1005·5	− 3·5	290·3	297·4	27th	281·7	276·3	28th	286·0	+1·3	..	71	− 11
1372	Christchurch	43 32	172 38	7·6	..	1008·6	− 1·4	292·8	299·4	8th	282·9	274·1	30th	287·8	+1·5	..	12	− 38
	Wellington	41 16	174 46	2·4	..	1011·8	+ 0·9	290·9	296·1	14th	284·9	277·7	30th	287·9	+1·1	..	152	+ 64
		S.	E.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Estimates not based on at least six equally-spaced observations each day are in *italics*.

NOVEMBER—ZONE 14. Table representing the Meteorology of the Globe between Latitude 50° S. and 60° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1421	Islota de los Evangelistas	52 24	75 6	55	993·8	1000·5	− 0·7	280·9	282·0	11th	277·7	275·5	26th	279·3	+0·1	*279·4*	185	− 66
1422	Puerto de Punta Arenas	53 10	70 54	4	997·6	998·1	− 1·5	286·3	289·7	11th	277·1	274·5	6th, 24th	281·7	0·0	*281·7*	41	+ 15
1423	Punta Dungeness	52 24	68 26	5	999·1	999·7	+ 0·8	285·4	288·0	17th, 20th	276·2	274·2	9th	280·8	−0·4	*281·1*	24	+ 16
1424	Santa Cruz	52 22	68 21	12	..	1001·2	− 2·7	290·9	298·7	11th	278·4	274·2	1st, 9th	284·7	−0·5	284·2	27	..
1424*a*	Año Nuevo	54 39	64 9	50	989·2	995·3	..	281·7	284·5	8th	276·6	273·0	3rd	279·1	..	278·9	30	+ 23
1425	Stanley, Falkland Is.	51 41	57 51	4	..	..	..	..	..	..	..	..	..	..	..	..	70	..
1426	Cape Pembroke	51 41	57 42	21	..	996·5	− 2·7	282·9	289·7	11th	276·1	273·0	3rd	279·5	+0·2	279·8	..	..
1429	S. Georgia(CumberlandBay)	54 14 S.	36 33 W.	4	996·2	996·7	+ 3·3	279·1	282·6	24th	273·2	270·2	4th	276·1	−0·4	*275·7*	70	− 29

NOVEMBER—ZONE 15. Between Latitude 60° S. and 70° S.

1527	South Orkneys	60 44 S.	44 39 W.	6·1	..	989·5	+ 1·2	..	277·9	..	..	265·5	..	..	+1·0	271·7	14	− 21
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Estimates not based on at least six equally-spaced observations each day are in *italics*.

DAILY OBSERVATIONS OF WIND WITHIN THE TROPICS.—NOVEMBER 1916.

Date.	St. Helena. 1035. Direction.	St. Helena. 1035. *Mean Velocity for the Day.	Fanning Island. 805. Direction and Force.		Sierra Leone. 834. Direction and Force.		Entebbe. 844. Direction and Force.		Malden Island. 905. Direction and Force.	Tulagi. 969. Direction and Force.	Ocean Island, 970. Direction and Force.		Suva, Fiji. 1072. Direction and Force.
			9h.	21h.	9h.	17h.	9h.	21h.	9h.	9h.	9h.	21h.	9h.
1	SSE	6·5	..	..	E 1	Calm 0	W 2	N 2	ESE 3	SE 2	E 4	ENE 3	SE 3
2	SSE	5·5	..	..	Calm 0	Calm 0	W 2	W 2	ESE 2	SE 2	E 4	E 4	E 2
3	SE	6·7	..	..	W 1	Calm 0	W 3	SW 2	E 3	SE 2	E 4	E 3	SE 1
4	SE	8·1	..	..	SE 6	Calm 0	W 3	N 3	E 5	SE 4	E 4	E 3	NE 1
5	SSE	9·1	..	..	Calm 0	Calm 0	W 2	N 3	ESE 3	SE 2	ENE 3	ENE 3	Calm 2
6	SE	—	..	..	Calm 0	Calm 0	W 2	W 3	E 2	N 4	E 4	E 3	SE 3
7	SE	—	..	..	E 1	E 1	Calm 0	N 2	ENE 2	N 4	E 3	E 3	SE 3
8	SE	8·8	..	..	NE 1	Calm 0	W 2	W 2	ENE 3	N 4	E 3	E 3	NE 1
9	SE	8·3	..	..	SE 1	E 1	SW 2	W 3	ESE 3	N 2	E 3	E 3	NE 1
10	SE	7·9	..	..	Calm 0	Calm 0	W 3	W 2	E 2	Calm 0	ENE 3	ENE 2	NE 2
11	SE	6·5	..	..	Calm 0	Calm 0	W 2	W 3	NNE 3	SE 2	ENE 2	ENE 3	N 1
12	SE	5·5	..	..	NE 1	E 1	W 2	SW 2	E 2	SE 2	ENE 2	ENE 2	SW 1
13	SSE	4·3	..	..	Calm 0	Calm 0	W 2	W 3	E 3	SE 2	E 2	E 3	W 1
14	SE	3·9	..	..	Calm 0	E 1	SW 2	N 2	ENE 4	NE 4	ENE 4	E 3	N 1
15	SSE	3·7	..	..	E 1	Calm 0	W 3	N 2	ENE 4	SE 2	ENE 2	ENE 2	E 2
16	SSE	3·8	..	..	Calm 0	Calm 0	W 2	W 3	ENE 4	SE 2	ENE 2	ENE 2	SE 2
17	Calm	3·2	..	..	Calm 0	W 1	E 3	W 3	E 2	SE 4	ENE 3	ENE 3	SE 3
18	SE	4·6	..	..	Calm 0	W 1	W 3	W 3	E 3	SE 4	ENE 3	ENE 3	NE 3
19	SSE	6·9	..	..	Calm 0	Calm 0	N 2	N 2	ENE 4	Calm 0	E 3	E 2	SE 3
20	SSE	9·2	..	..	Calm 0	SE 4	W 2	W 2	NE 2	SE 2	SE 3	SE 3	SE 2
21	SE	4·2	..	..	Calm 0	Calm 0	W 2	N 2	ESE 3	SE 4	ESE 2	ESE 2	SE 2
22	SSE	3·6	..	..	Calm 0	Calm 0	N 2	W 2	E 3	SE 2	E 3	E 3	SE 4
23	SSE	5·1	..	..	SE 1	Calm 0	W 3	N 2	NNE 3	SE 4	ENE 3	ENE 4	E 3
24	SSE	8·0	..	..	E 1	Calm 0	SW 2	W 2	E 3	Calm 0	ESE 3	SE 4	SE 3
25	SE	7·4	..	..	W 4	E 1	SW 2	W 2	E 3	SE 2	ESE 3	ESE 2	SE 2
26	SE	6·8	..	..	Calm 0	Calm 0	N 2	N 3	E 3	SE 4	ESE 3	ESE 4	SE 0
27	SE	—	..	..	E 1	Calm 0	W 2	W 2	ESE 3	SE 2	E 4	E 4	Calm 0
28	SE	—	..	..	Calm 0	Calm 0	W 2	W 3	ESE 4	SE 4	E 3	E 3	Calm 2
29	SSE	9·2	..	..	E 1	Calm 0	W 3	W 2	E 2	SE 2	E 3	E 3	N 0
30	SSE	11·2	..	..	Calm 0	E 1	W 3	SW 3	NE 3	SE 2	E 4	E 4	Calm 1
Mean ..	..	6·5	..	..	0·7	0·4	2·3	2·4	2·9	2·5	3·1	3·0	SE 1·8
†Resultant	145° (91)	..	..		95° (20)		280° (71)		85° (88)	125° (64)	90° (92)		105° (48)
†Normal	142° (93)	8·3	122° (78)		285° (8)		255° (36)		72° (82)	131° (52)	108° (36)		101° (63)

* Velocity of the South East Trade Wind at 632 metres.
† Direction and "constancy." For explanation see Introduction.

STATE OF ICE IN THE ARCTIC SEAS AND IN THE NORTH ATLANTIC.—NOVEMBER 1916.

* *The White Sea* was free at the beginning of the month.

* *Spitsbergen.*—The ice on the Icefiord was very thick and ice breakers could not penetrate. From the mouth of the Icefiord to Prince Charles Foreland the sea was open; drift ice was seen outside Bell Sound.

* *Iceland.*—The Coasts of Iceland and Grimsey were free of ice, which is usual for this month. On the 19th ice from the north in great masses arrived at Angmagsalik and was closely packed for some days.

North Atlantic and Labrador.—Occasional bergs were seen in Belle Isle Strait but none on the Newfoundland Banks.

* *Davis Strait.*—The sea round C. Farewell and along the west coast of Greenland was free up to Prøven, where winter ice appeared from Melville Bay on the 25th.

* *Smith Sound.*—The sea outside was covered with pack ice.

* *Isforholdene i de arktiske Have*, 1916 and 1917, published by the Danish Meteorological Institute.

RÉSEAU MONDIAL, DECEMBER 1916

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF DECEMBER 1916 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE.

Between Latitude 80° N. and 70° N. DECEMBER—ZONE 1.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
123	Inglefield Bay	77 20	67 30	?	1020·6	..	+ 9·8	..	..	..	..	..	..	..	..	*252·2*	4	..
124	Upernivik	72 47	W56 7	18·9	1013·6	1016·1	+10·2	261·7	279·6	14th	..	..	..	..	+1·5	*257·5*	31	+ 18
125	Spitsbergen(GreenHarbour)	78 2	E 14 14	11·4	1019·9	1021·5	+11·6	..	270·4	23rd	242·3	232·2	2nd	..	−7·2	250·4	23	− 16
126	Gjesvaer	71 6	25 22	6·5	1011·9	1012·7	+ 9·7	..	275·2	6th	266·3	260·2	24th	..	−1·6	*268·2*	46	− 21
139	Mehavn	71 1	27 47	6·4	1012·7	1013·5	+ 8·4	..	275·6	7th	265·4	255·0	25th	..	−0·7	*268·1*	70	− 8
140	Vardö	70 22	31 8	10·0	1013·0	1014·3	+ 9·2	..	274·6	7th	266·5	259·1	24th	..	+0·1	*268·8*	170	+120
141	Malye Karmakouly	72 23	52 43	14·8	..	..	..	..	..	..	..	..	..	..	..	..	9	− 1
142	Waigatz	70 24	58 47	11·2	1018·2	1019·8	+11·2	258·2	271·7	5th	243·9	237·0	12th	251·0	..	*250·3*	1	..
143	Mehavn	71 1	27 47	6·4	1012·7	1013·5	+ 8·4	..	275·6	7th	265·4	255·0	25th	..	−0·7	*268·1*	70	− 8
144	Vardö	70 22	31 8	10·0	1013·0	1014·3	+ 9·2	..	274·6	7th	266·5	259·1	24th	..	+0·1	*268·8*	170	+120
147	Malye Karmakouly	72 23	52 43	14·8	..	..	..	..	..	..	..	..	..	..	..	..	9	− 1
148	Waigatz	70 24	58 47	11·2	1018·2	1019·8	+11·2	258·2	271·7	5th	243·9	237·0	12th	251·0	..	*250·3*	1	..

Between Latitude 70° N. and 60° N. DECEMBER—ZONE 2.

203	Nome	64 31	165 24	4·6	1010·3	1010·9	+ 3·0	255·4	271·9	..	247·7	237·4	..	251·6	−6·8	..	..	..
204	Candle	65 55	161 57	2·4	..	..	..	246·7	269·1	12th	242·3	229·7	6th	244·5	..	..	..	..
205	Tanana	65 8	152 0	73·8	1002·8	1013·2	+ 0·8	246·9	263·6	..	239·6	223·0	..	243·2	−6·0	..	57	+ 31
206	Rampart	65 30	150 15	122	..	..	..	245·7	260·2	15th	239·3	221·3	4th	242·5	..	..	32	+ 13
207	Valdez	61 7	146 16	8·2	1000·0	1001·1	− 1·8	267·8	275·2	..	260·8	249·7	..	264·3	−2·5	..	99	− 60
208	Eagle	64 46	141 12	248	979·9	1013·6	+ 0·9	252·2	265·2	..	242·3	225·2	..	247·2	−3·8	..	18	+ 6
209	Dawson	64 4	139 20	328	970·3	1015·3	+ 2·1	248·0	261·9	14th, 15th	241·3	225·8	9th	244·7	−3·5	..	49	+ 17
210	Carcross	60 11	134 34	662	..	..	..	259·1	278·0	14th	248·6	232·4	26th, 27th	253·8	−6·0	..	11	− 7
211	Fort Good Hope	66 15	128 53	65·2	1010·5	1020·3	..	243·6	252·4	12th, 13th	235·8	224·7	8th, 10th	239·7	..	..	12	..
212	Fort Simpson	61 52	121 35	129	999·0	1016·9	..	248·6	255·2	2nd, 3rd	239·7	228·6	27th	244·1	−4·9	*244·1*	59	+ 39
213	Hay River	60 51	115 20	161	993·5	1015·9	..	252·4	268·6	1st	242·4	233·0	10th, 17th	247·4	−4·5	..	10	..
214	Jacobshavn	69 13	51 2	12·6	1013·8	1015·4	+11·4	..	..	..	..	..	..	..	..	..	43	+ 31
225	Godthaab	64 11	51 44	9·0	1006·8	1008·0	+ 8·9	271·8	278·0	13th	267·2	261·4	2nd	269·5	+4·7	*269·8*	12	− 27
226	Ivigtut	61 12	48 10	5·0	1009·4	1010·0	+11·3	..	..	..	266·6	260·1	28th	..	+3·1	*269·8*	137	+ 58
227	Angmagsalik	65 37	37 34	31·7	1009·5	1013·6	+15·3	265·9	278·5	17th	258·7	250·0	29th	262·3	−3·7	*262·7*	5	− 71
229	Stykkisholm	65 5	22 46	11·3	1007·9	1009·4	+10·4	271·9	278·5	4th	266·6	258·5	22nd	269·3	−2·2	*269·5*	23	− 41
231	Vestmanno	63 26	20 15	7·7	1001·5	1002·5	+ 3·3	274·5	280·2	4th	268·2	262·2	22nd, 23th	271·3	−2·5	*271·8*	56	− 84
232	Grimsey	66 33	17 58	22·0	..	..	..	271·7	276·8	4th	267·0	261·7	21st	269·3	−2·3	*269·4*	3	− 17
233a	Akureyri	65 40	18 4	6·8	1006·4	1007·3	+ 6·2	..	..	..	..	..	..	..	..	..	..	..
234	Berufjord	64 40	14 19	18·0	999·8	1002·0	+ 1·3	274·1	278·8	16th	267·1	260·6	21st	270·6	−1·0	*271·5*	85	− 52
235	Thorshavn	62 3	6 45	25·7	995·2	998·3	− 3·5	277·9	282·0	5th	273·3	269·8	4th	275·6	−0·8	*276·0*	172	+ 4
236	Lerwick	60 9	W 1 8	18·0	996·1	998·3	− 5·9	279·5	281·9	1, 6, 10	275·8	271·9	18th	277·7	+0·2	*278·0*	151	+ 29
237	Bergen (Met. Obs.)	60 24	E 5 19	44·4	996·2	1001·7	− 7·4	..	..	..	281·4	1st	274·3	270·3	20th	..	+1·1	*276·0*	182	+ 1
238	Christiansund	63 7	7 45	17·8	999·9	1002·1	− 4·2	..	..	..	282·4	6th	274·6	271·0	26th	..	+1·0	*276·2*	77	− 36
239	Trondhjem	63 26	10 25	39·5	999·9	1004·9	− 2·7	..	..	..	279·7	7th	268·9	258·2	28th	..	+0·6	*271·3*	15	− 72
240	Bodö	67 17	14 24	22·4	1003·9	1006·7	+ 1·7	..	..	..	280·2	6th	268·4	261·0	23rd	..	−1·0	*270·6*	24	− 60
241	Haparanda	65 50	24 9	9·2	1011·2	1012·4	+ 3·2	267·9	275·5	8th	262·6	245·0	22nd	265·3	+2·6	*265·6*	42	+ 10
242	Helsingfors	60 10	24 57	12·0	1010·3	1011·8	− 0·4	271·6	278·1	1st	267·9	251·5	31st	269·8	+0·3	269·8	54	+ 3
242*a*	Kuopio	62 54	27 40	90·3	1001·1	1012·7	+ 1·2	268·5	275·9	15th	265·3	252·1	28th	266·9	+1·6	*267·0*	55	+ 13
243	Kola	68 53	33 1	6·7	1013·8	1014·7	+ 6·9	267·5	275·5	7th	259·7	238·9	25th	263·6	+1·2	*263·7*	27	+ 10
244	Petrozavodsk	61 47	34 23	38·9	1010·3	1015·3	+ 2·1	..	275·5	15th	..	..	..	..	+2·9	*267·7*	54	+ 20
245	Arkhangelsk	64 35	40 36	5·8	1015·4	1016·2	+ 5·1	267·5	275·5	7th	261·5	247·0	24th	264·5	+2·9	*264·6*	37	+ 13
246	Mezen	65 50	44 16	12·6	1014·4	1016·0	+ 5·5	266·7	275·6	7th	259·8	243·8	25th	263·2	+3·6	*263·2*	41	+ 31
247	Oust-Tsylma	65 25	52 14	? 70	1010·2	1019·5	+ 3·0	263·2	274·8	8th	255·4	243·8	24th	259·3	+1·0	*259·0*	31	..
248	Tcherdyn	60 24	56 31	?177	1001·9	1025·5	+ 8·3	262·4	274·0	1st	256·4	240·5	4th	259·4	+2·9	*259·0*	35	− 2
249	Berezov	63 56	65 4	39·9	1018·8	1024·3	+ 9·4	..	271·9	8th	247·2	239·0	29th	..	+0·7	*252·3*	23	+ 9
250	Obdorsk	66 31	66 35	23·7	1020·0	1023·2	+ 9·8	..	265·6	1st	243·4	232·4	18th	..	−3·3	*247·7*	18	+ 7
251	Sourgout	61 15	73 24	? 40	1021·1	1026·7	+ 8·6	..	271·4	1st	243·1	224·6	15th	..	−4·1	*248·4*	38	+ 20
252	Doudinka	69 23	86 4	20	1023·2	1025·9	+10·3	..	257·6	25th	235·1	223·8	13th	..	..	*239·3*	3	..
253	Touroukhansk	65 47	87 57	45	1024·8	1031·5	+11·5	..	257·3	7th	232·0	212·7	4th	..	−8·4	*237·3*	13	− 2
254	Olekminsk	60 22	120 26	155	..	..	..	..	..	..	..	..	..	..	..	..	8	− 2
261	Iakoutsk	62 1	129 43	108	1020·6	1036·8	+10·6	..	259·9	1st	228·2	219·8	31st	..	−0·4	*232·1*	5	− 6
262	Verkhoïansk	67 33	133 23	100	1019·4	1035·0	+13·2	..	260·7	1st	221·5	214·5	23rd, 24th	..	−1·6	*224·7*	0	− 4
263	Oust-Maïskoe	60 25	134 29	?100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
264	Markovo-sur-Anadyr	64 45	170 50	25·0	1027·4	1031·1	+18·9	241·2	259·6	10th	232·6	224·8	24th	236·9	−10·0	..	1	− 8
271	Novo-Mariinskii Post	64 45	177 33	5·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
272		° ′ N.	° ′ E.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Estimates not based on at least six equally-spaced observations each day are in *italics*.

DECEMBER—ZONE 3.

Table representing the Meteorology of the Globe between Latitude 60° N. and 50° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
303	Dutch Harbor	53 54	166 32	4·0	..	..	..	274·5	278·6	..	270·1	263·6	..	272·3	−0·6	..	124	− 40
304																		
305	Kodiak	57 47	152 22	1·8	998·3	998·5	+ 0·1	273·4	281·9	..	266·0	252·4	..	269·7	..	..	129	− 13
306																		
309	Sitka	57 4	135 20	27·4	999·2	1002·6	− 2·7	276·3	281·3	..	271·1	265·2	..	273·7	−1·6	..	177	− 56
310	Prince Rupert	54 18	130 18	51·8	999·8	1006·3	− 3·4	274·7	280·8	10th, 19th	270·8	264·7	25th	272·7	−3·7	..	212	− 113
311	Barkerville	53 2	121 35	1274	862·5	..	..	265·8	274·1	3rd	257·4	242·4	26th	261·6	−5·4	*261·6*	64	− 12
312	Kamloops	50 42	120 29	385	972·9	1021·9	− 0·7	268·6	280·8	2nd	262·4	248·0	27th, 29th	265·5	−5·8	*265·5*	27	+ 1
313	Calgary	51 2	114 2	1045	888·4	..	..	268·0	283·0	2nd	256·9	241·3	26th, 27th	262·4	−4·2	*262·4*	13	− 5
314	Fort Chipewyan	58 42	111 10	218	987·1	1017·6	..	254·1	272·4	2nd	244·7	233·0	11th	249·4	−7·0	*249·3*	20	..
315	Prince Albert	53 10	106 0	442	959·7	1017·6	− 0·9	259·1	279·7	3rd	249·7	237·4	25th	254·4	−3·8	*254·4*	7	− 11
316	Qu'Appelle	50 30	103 47	645	933·5	1016·4	− 0·2	260·8	280·8	3rd	250·2	233·6	20th	255·5	−5·7	254·9	23	+ 4
317	Minnedosa	50 15	99 50	515	949·7	1016·4	− 2·1	260·2	278·6	3rd	250·2	235·2	19th, 20th	255·2	−4·5	*255·2*	8	− 9
318	Berens River	52 18	97 23	216	..	..	..	257·5	281·3	4th	247·1	234·1	14th, 19th	252·3	−4·4	*252·3*	15	..
318a	Port Nelson	57 4	92 36	14·9	1010·5	1012·5	..	254·7	271·9	4th, 5th	246·3	233·6	17th, 18th	250·5	..	..	15	..
319	Fort Hope	51 33	87 49	335	980·3	1013·2	..	256·9	274·7	3rd	245·2	229·7	18th, 19th	251·1	−3·8	..	..	− 12
320	Moose Factory	51 14	80 30	9·1	1012·3	1013·5	− 3·7	261·3	275·2	9th, 10th	250·2	238·0	13, 22, 30	255·8	−2·0	..	27	
321	Fort George	53 50	79 5	?	..	..	..	260·7	274·1	9th	253·4	240·2	15th	257·1	..	..	..	..
322	Mistassini Post	50 15	73 55	383	..	..	..	263·4	274·7	6th	253·6	238·0	26th, 29th	258·5	..	..	94	..
323	Hebron	58 12	62 21	15·0	1013·5	1015·4	+ 9·0	..	..	..	265·0	252·6	..	..	..	*266·7*	..	..
324	Natashquan	50 8	61 48	?	..	..	..	272·1	278·6	11th, 19th	264·7	248·6	29th, 30th	268·4	..	..	165	..
325																		
326	Belle Isle	51 23	55 23	133	..	..	..	..	..	..	..	..	..	..	..	..	..	..
334	Cahirciveen (Valencia Obs.)	51 56	10 15	13·7	1001·9	1003·6	− 7·1	280·3	285·2	28th	275·9	270·2	17th	278·1	−2·4	278·3	136	− 33
335	Aberdeen	57 10	2 6	26·8	996·8	1000·1	− 7·0	278·4	281·9	31st	274·0	269·7	20th	276·2	−0·5	276·4	111	+ 29
336	Greenwich	51 28	W 0 0	48·5	998·4	1004·5	−10·7	278·3	285·8	29th	273·2	268·0	19th	275·8	−1·6	275·9	64	+ 7
337	Uccle	50 48	E 4 22	100	992·3	1004·7	−12·0	278·0	286·4	23rd	273·5	269·8	1st	275·7	+0·2	275·9	136	+ 67
338	De Bilt	52 6	5 11	3·0	1003·8	1004·2	−11·0	277·7	285·7	24th	273·3	269·7	28th	275·5	+0·5	275·6	82	+ 19
338a	Hamburg	53 33	9 58	40	1000·0	1005·0	− 8·9	277·5	283·0	30th	273·8	268·8	21st	275·7	+1·0	*275·4*	81	+ 33
339	Copenhagen	55 41	12 36	5·0	1004·4	1005·0	− 8·3	276·9	279·9	29th	274·1	271·4	19th	275·5	+1·4	*275·9*	76	+ 35
340	Potsdam	52 23	13 4	84·9	995·9	1006·5	− 8·9	276·8	283·1	30th	273·4	266·5	21st	275·1	+1·2	275·0	76	+ 32
340a	Upsala	59 51	17 38	24·0	1005·7	1008·7	− 2·3	273·2	279·1	1st	269·2	253·6	28th	271·2	+1·8	271·3	76	+ 32
341	Warsaw	52 13	21 1	133	994·4	1011·1	− 5·9	275·5	281·1	14th	271·7	265·7	21st	273·6	+2·9	273·6	59	+ 0
342	Jurjev	58 23	26 43	74·5	1003·9	1013·4	+ 0·4	271·1	276·2	16th	267·5	255·5	30th	269·3	+1·4	269·5	39	
343	Petrograd	59 56	30 16	4·8	1013·6	1014·2	+ 1·5	270·8	277·9	1st	267·4	256·0	31st	269·1	+1·7	*268·9*	27	− 56
344	Kiev	50 27	30 30	183	994·4	1017·6	− 1·1	272·4	276·8	13th	269·0	262·6	10th	270·7	+2·0	*270·7*	101	+ 23
344a	Moscow	55 50	37 33	167	998·8	1020·5	+ 2·9	266·5	274·0	2nd	262·2	256·5	6th, 18th	264·4	−1·4	*264·5*	32	+ 0
345	Saratov	51 32	46 3	59·9	1016·3	1024·2	+ 2·7	..	273·2	21st	..	..	..	..	−0·7	*264·4*	59	
346	Kazan	55 47	49 8	79·9	1015·6	1026·2	+ 6·9	264·8	274·3	1st	260·2	249·3	17th	262·5	+0·4	*262·8*	22	− 19
347	Orenburg	51 45	55 6	109	1014·2	1028·8	+ 5·2	263·8	272·7	20th	258·0	248·3	16th	260·9	−0·4	*260·9*	14	− 17
348	Perm	58 1	56 16	163	1005·1	1026·7	+ 7·8	263·3	274·0	1st	257·5	244·1	4th	260·4	+0·4	*260·4*	26	
349	Ekaterinburg	56 49	60 38	281	990·3	1027·2	+ 6·2	263·0	273·6	1st	257·0	240·2	4th	260·0	+1·0	*259·9*	13	− 7
350	Tobolsk	58 12	68 14	108	1013·8	1028·6	+ 7·7	259·8	274·0	1st	251·9	241·9	4th	255·8	−0·7	*255·3*	10	− 7
351	Akmolinsk	51 12	71 23	?347	985·5	1031·8	+ 2·2	260·6	270·7	21st	251·6	242·9	5th	256·1	−3·1	*255·9*	8	− 12
352	Omsk	54 58	73 23	87·9	1017·9	1030·0	+ 5·1	258·7	271·0	1st	..	241·0	4th	..	−1·7	*254·3*	8	+ 1
353	Barnaoul	53 20	83 48	162	1010·7	1033·0	+ 3·4	..	271·1	1st	247·3	230·6	28th	..	−4·0	*253·5*	38	− 0
354	Tomsk	56 30	84 58	122	1014·4	1031·6	+ 4·8	..	270·4	2nd	241·8	227·6	16th	..	−8·5	*247·3*	38	
355	Minousinsk	53 43	91 41	249	999·6	1033·9	+ 2·0	..	274·8	1st	244·4	226·3	31st	..	..	*250·0*	8	− 5
356	Eniseisk	58 27	92 10	77·6	1022·8	1034·2	+ 7·1	..	268·4	2nd·	234·1	222·0	19th	..	−12·7	*239·6*	15	− 5
357	Irkutsk	52 16	104 19	467	971·1	1035·2	+ 3·5	..	270·7	2nd	240·1	226·7	22nd	..	−9·8	*245·1*	13	− 3
358	Kirensk	57 47	108 7	263	999·4	1037·6	+ 7·2	..	266·1	3rd	232·0	217·0	22nd	..	−11·8	*236·2*	13	− 1
359	Tchita	52 2	113 30	687	939·5	1031·8	+ 1·4	..	266·0	1st	239·3	225·2	31st	..	−4·2	*244·5*	3	..
360	Blagoveshchensk Priisk	58 10	114 19	490	967·8	1038·0	+ 7·8	..	264·1	1st	230·4	217·7	19th, 21st	..	..	*234·7*	14	+ 5
360a	Nertchinskii Zavod	51 19	119 37	626	947·0	1032·2	+ 2·7	..	261·1	6th	239·3	226·2	22nd	..	−3·4	*243·2*	9	
361	Tygan Ourkan	54 5	124 46	379	976·8	1029·2	..	251·3	260·5	26th	237·9	222·5	19th	244·6	..	*244·5*	18	..
362	Blagoveshchensk (Bureau Météor.)	50 16	127 30	142	1007·0	1026·7	+ 4·9	253·8	266·5	27th	243·8	233·2	21st	248·8	−1·9	*248·9*	10	+ 9
363	Paikanskii Sklad	50 11	130 7	145	1006·0	1026·4	..	253·6	270·0	26th	237·4	224·8	21st	245·5	..	*245·4*	16	..
364																		
365	Nikolaevsk-sur-Amour	53 8	140 45	21·2	1017·4	1020·2	+ 7·6	..	268·1	26th	254·2	237·1	17th	..	+3·4	*255·9*	32	+ 11
366	Okhotsk	59 21	143 12	6·0	1023·8	1024·6	+12·9	254·0	263·6	9th	248·1	240·7	16th	251·0	+0·9	*251·3*	0	− 3
367																		
368	Petropavlovsk (Radio)	53 0	158 39	13·5	1010·2	1011·9	+ 9·9	268·9	273·6	23rd	263·1	254·5	27th	266·0	..	*266·1*	93	..
369																		
		° ′ N.	° ′ E.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Estimates not based on at least six equally-spaced observations each day are in *italics*.

DECEMBER—ZONE 4.

Table representing the Meteorology of the Globe between Latitude 50° N. and 40° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
411	Victoria, B.C.	48 24	123 19	70·1	1006·1	1014·9	− 1·9	277·4	282·4	2nd	274·1	270·2	29th	275·8	−2·2	276·1	125	− 25
412	Portland, Oregon	45 32	122 41	46·6	1011·4	1016·9	− 1·9	278·4	283·6	2nd	274·3	268·6	30th	276·4	−1·9	*276·3*	97	− 82
413	Macleod	49 44	113 24	954	..	..	..	267·3	281·9	3rd	256·6	234·1	27th	261·9	−7·5	..	11	− 3
414	Helena	46 34	112 4	1253	868·9	1016·6	− 4·2	268·7	283·6	1st	260·6	244·1	27th	264·7	−4·6	*264·8*	26	+ 6
414a	Salt Lake City	40 46	111 54	1329	865·9	1017·6	− 3·7	274·5	286·9	5th	266·8	256·3	28th	270·7	−2·2	*270·9*	67	+ 32
415	Cheyenne	41 8	104 48	1856	805·2	1014·2	− 4·6	272·4	283·0	2nd	261·3	249·1	26th	266·9	−3·9	*267·4*	9	− 2
416	North Platte	41 8	100 45	859	914·0	1017·9	− 1·9	273·4	291·9	2nd	258·6	245·8	21st	266·0	−4·8	*265·2*	11	− 4
416a	Bismarck	46 47	100 38	511	953·4	1017·9	− 1·8	263·4	288·6	3rd	250·9	231·9	20th	257·2	−6·1	*257·5*	39	+ 24
417	Winnipeg	49 53	97 7	232	985·8	1016·6	− 1·3	259·7	280·8	4th	251·9	238·0	19th	255·8	−2·6	255·3	43	+ 18
418	Duluth	46 47	92 6	345	971·1	1014·9	− 2·8	264·5	280·2	3rd	255·7	242·4	18th	260·1	−4·3	*259·6*	10	− 13
419	Port Arthur	48 27	89 12	196	988·6	1014·2	− 3·0	264·7	278·0	5th	254·7	242·4	18th	259·7	−3·2	*259·7*	19	− 2
420	Chicago	41 53	87 37	251	984·7	1015·9	− 2·7	273·7	290·8	7th	265·7	254·1	22nd	269·7	−2·1	*269·8*	66	+ 15
421	Toronto	43 40	79 24	116	1000·0	1014·8	− 2·7	273·6	285·8	5th	266·9	258·0	16th	270·2	+0·4	269·9	52	− 20
422	New York (Central Park)	40 46	73 58	30·2	1010·9	1014·7	− 3·7	276·9	290·2	5th	271·3	264·7	16th	274·1	−0·2	274·1	108	+ 21
423	St. John, N.B.	45 17	66 4	36·2	..	1005·7	− 8·2	273·0	283·0	1st	266·3	254·7	30th	269·7	+0·9	269·4	130	+ 24
424	S.W. Point, Anticosti	49 24	63 33	9·1	1003·4	1004·6	− 5·6	273·0	277·4	6th, 18th	267·4	255·2	29th	270·2	+3·8	..	66	+ 11
424a	Sable Island (Main Station)	43 57	60 6	7·6	1003·9	1004·8	− 6·5	278·0	284·1	1st, 13th	273·0	263·0	29th, 30th	275·5	+0·2	..	142	+ 5
425	Port aux Basques	47 35	59 10	9·1	1001·2	1002·3	− 7·5	276·3	283·0	8, 9, 10	271·3	260·8	29th, 30th	273·8	+2·9	..	152	+ 13
426	St. John's, Newfoundland	47 34	52 42	38·1	995·2	999·9	− 9·1	276·9	285·2	7th	271·9	259·7	30th	274·4	+3·1	..	144	+ 1
435	Madrid	40 24	3 41	655	936·5	1014·1	− 7·7	283·2	289·0	25th	275·6	267·2	6th	279·4	+1·3	278·6	103	+ 61
436	Nantes	47 15	W 1 34	36·5	1001·4	1005·9	−12·3	281·4	286·0	23rd	276·1	271·0	19th	278·7	+0·8	278·5	131	+ 46
437	Paris (Parc St. Maur)	48 49	E 2 29	50·3	1000·2	1006·4	−11·8	279·2	287·5	23rd	274·1	269·7	20th	276·7	+1·0	276·7	64	+ 22
438	Marseilles	43 18	5 23	74·8	999·0	1008·2	− 8·1	285·1	291·1	1st	277·3	272·8	8th, 16th	281·2	+0·4	280·1	56	− 17
438a	Zürich	47 23	8 33	493	950·5	1010·1	−10·3	277·7	283·9	25th	272·9	268·0	20th	275·3	+2·7	275·1	111	+ 38
439	Rome	41 54	12 28	50·6	1004·5	1010·4	− 4·9	286·7	289·8	1st	281·1	276·8	9th	283·9	+2·6	*283·8*	218	+128
440	Vienna	48 15	16 22	203	984·3	1009·6	− 9·6	279·0	284·4	30th	275·2	270·6	25th	277·1	+4·6	277·1	56	+ 14
440a	Buda-Pesth	47 31	19 1	130	996·1	1012·0	− 7·7	279·5	284·8	30th	275·6	268·0	21st	277·6	+4·3	*277·3*	88	+ 34
441	Monastir	41 1	21 23	617	..	..	..	..	..	..	..	..	..	..	..	..	..	..
442	Bucharest	44 25	26 6	82	1006·1	1016·3	− 4·1	279·1	283·5	12th	273·6	269·7	29th	276·4	+3·5	276·1	26	− 14
443	Odessa (University)	46 29	30 44	65·3	1009·6	1017·9	− 1·6	277·5	283·4	20th	273·1	268·4	9th	275·3	+3·0	*275·4*	26	− 4
444	Kharkov (University)	50 0	36 14	140	1002·4	1020·4	− 1·0	270·6	274·4	27th	265·8	256·8	23rd	268·2	+0·2	*268·2*	41	+ 6
444a	Novorossiisk	44 44	37 49	37·1	1013·1	1017·6	− 1·5	282·4	287·7	13th	275·6	268·7	9th	279·0	+1·1	*279·0*	216	+126
445	Tiflis	41 43	44 48	404	972·6	1021·8	− 1·3	281·9	288·9	21st	274·8	269·1	15th	278·4	+1·9	*277·7*	12	− 10
446	Astrakhan	46 21	48 2	−13·8	1026·0	1024·2	+ 1·5	271·5	278·6	1st	265·4	253·7	10th	268·4	−1·3	*268·6*	46	+ 32
447	Fort Alexandrovsk	44 30	50 16	24	1018·6	1021·6	− 0·9	..	281·7	4th	270·4	265·0	16th	..	+0·2	*273·0*	25	+ 11
448	Krasnovodsk	40 0	52 59	−14·6	1022·4	1020·6	− 1·6	283·1	287·2	21st	277·1	273·0	25th	280·1	+1·1	*280·1*	0	− 15
449	Aralskoe More	46 47	61 42	57·0	1020·3	1027·9	+ 0·3	267·7	275·1	4th	260·3	252·9	25th	264·0	0·0	*263·7*	1	..
450	Tachkent	41 20	69 18	479	966·6	1025·2	− 1·1	281·7	291·2	23rd	270·8	260·7	13th	276·2	+0·1	*275·4*	16	− 22
451	Narynskoe	41 26	76 0	?2015	800·0	..	..	..	..	..	250·7	240·5	30th	..	−3·3	*256·5*	7	..
452	Vernyi	43 16	76 53	?825	926·5	1027·4	− 1·6	274·0	282·7	24th	262·6	253·2	13th	268·3	..	*268·0*	29	..
461	Mukden	41 48	123 23	43·8	1022·1	1027·9	+ 1·3	268·2	283·0	3rd	257·1	244·0	24th	262·7	−0·4	262·2	6	0
462	Joshin	40 40	129 11	4·0	1021·5	1022·0	+ 1·6	275·4	284·6	4th	265·5	251·8	26th	270·5	+0·7	269·8	56	+ 19
463	Yuki	42 20	130 24	65·6	1014·9	1023·5	..	270·3	283·2	4th	259·6	247·3	27th	263·3	−0·3	262·9	40	+ 27
464	Vladivostok	43 7	131 55	28·8	1020·2	1024·0	+ 2·5	267·0	283·4	4th	260·5	253·2	11th	265·0	+2·1	265·4	57	− 13
465	Ochiai	47 20	142 44	6·6	1014·0	1014·9	+ 3·0	260·5	276·6	8th	269·3	263·6	20th	272·4	+1·1	272·7	56	− 2
466	Nemuro	43 20	145 35	26·7	1009·6	1012·9	+ 2·0	275·5	284·4	8th	269·3	261·5	16th	271·7	+1·2	271·9	78	− 34
466a	Syana	45 14	147 53	39·3	1005·8	1010·7	+ 1·8	274·1	281·5	5th	269·3							
		N.	E.															

Between Latitude 40° N. and 30° N.

DECEMBER—ZONE 5 (Western Half).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		N.	W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
511	San Francisco	37 48	122 26	47·2	1012·7	1018·6	− 1·7	285·7	289·7	16th	279·1	275·8	28th	282·4	−1·2	*282·3*	122	+ 18
512	San Luis Obispo	35 18	120 39	61·3	1011·7	1019·3	− 0·4	288·6	295·8	15th	276·9	271·3	18th	282·8	−2·0	*282·6*	235	+138
513	San Diego	32 43	117 10	26·5	1014·3	1017·6	− 0·3	288·7	297·4	14th	280·0	276·3	17th	284·3	−2·1	*284·1*	29	− 15
514	Modena	37 48	113 54	1670	831·3	1017·9	− 3·4	275·8	280·3	1st	260·6	241·9	27th	268·2	−1·9	*267·9*	17	+ 4
515	Santa Fé	35 41	105 57	2138	782·7	1015·9	− 2·6	276·3	287·4	5th	265·2	256·3	8th	270·7	−1·1	*271·0*	4	− 14
516	Denver	39 45	105 0	1613	831·1	1014·2	− 4·3	276·6	291·3	6th	263·3	252·4	27th	269·9	−2·6	*270·5*	28	+ 10
517	Abilene	32 23	99 40	530	953·4	1015·9	− 3·5	288·4	300·2	2nd	273·7	263·6	21st	281·1	−0·4	*279·8*	1	− 30
518	Saint Louis	38 38	90 12	173	995·6	1016·6	− 3·6	278·3	294·7	4th	269·6	256·3	15th	273·9	−1·2	*273·7*	55	+ 1
519	Mobile	30 41	88 2	17·4	1016·0	1017·9	− 2·7	289·3	298·0	5th	271·4	259·3	19th	276·8	−0·8	*277·3*	109	+ 8
520	Nashville	36 10	86 47	166	998·6	1018·9	− 2·1	282·1	292·4	5th	280·1	271·9	19th	284·7	+1·1	*284·8*	37	− 37
521	Charleston	32 47	79 56	14·6	1017·3	1018·9	− 1·9	289·2	295·8	5th	270·9	262·4	16th	274·9	−0·4	*274·9*	102	+ 20
522	Washington	38 54	77 3	34·1	1013·1	1017·6	− 2·5	279·0	294·7	5th								
524	Bermuda	32 18	64 46	46·0	1011·4	1016·8	− 2·0	292·8	295·2	1st, 4th	287·8	284·1	31st	290·3	−0·9	*290·0*	3	−108
530	Santa Cruz (Flores)	39 27	31 9	28	1008·6	1011·6	− 8·0	289·7	292·4	21st	283·2	280·4	25th	286·5	−1·8	*286·7*	164	− 33
531	Horta	38 32	28 38	63	1003·6	1010·8	− 8·7	289·6	293·0	12th	285·9	282·4	1st	287·8	−0·5	287·9	221	+ 74
532a	Ponta Delgada	37 44	25 40	22	1009·1	1011·0	− 9·7	289·4	291·2	27th	280·3	281·4	1st	287·9	−0·3	288·1	..	..
533	Faja da Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	267	+122
534	Madeira (Funchal)	32 37	16 54	25	1010·7	1013·7	− 7·2	291·8	294·1	24th	287·3	284·9	12th	289·6	0·0	*289·5*	316	+212
535	Lisbon	38 43	9 9	95	1002·1	1013·6	− 6·6	287·6	290·8	27th	283·1	277·7	8th	285·4	+1·4	*285·2*	81	− 23
536	Gibraltar	36 6	5 21	16·2	1013·6	1015·6	− 4·0	289·6	294·1	17th	284·0	279·1	9th, 10th	286·8	+0·5	*287·1*	173	+ 33
536a	Melilla	35 18	2 59	8	1018·3	1019·3	− 0·3	292·2	295·0	24th	281·4	279·0	9th	286·8	−1·8	*287·8*	38	− 17
		N.	W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Estimates not based on at least six equally-spaced observations each day are in *italics*.

(20022)

M 2

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ E.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
537	Palma	39 34	2 38	23	1008·7	1011·5	− 5·9	288·6	292·4	26th	282·3	276·0	7th	285·4	+0·5	..	7	− 48
538	Algiers (Bouzaréah)	36 48	3 2	344	973·6	1014·3	− 4·9	287·8	294·2	25th	282·9	277·4	7th	285·3	+1·2	285·2	124	+ 16
539	Tunis	36 48	10 10	33	..	..	..	289·2	295·2	18th	279·7	275·8	12th	284·5	−0·1	*283·9*	48	− 56
539a	Malta	35 53	14 30	58·8	..	1016·3	− 1·1	292·8	296·2	12th	287·8	283·0	9th	290·3	+3·4	*289·8*	30	− 65
540	Riposto	37 41	15 14	14·2	..	1016·0	− 0·7	290·1	292·8	19th	284·0	281·8	9th	287·1	+1·1	*286·5*	29	+ 35
541	Athens	37 58	23 43	107	1002·3	1015·2	− 1·4	289·3	292·7	20th	284·5	278·2	30th	286·9	+3·3	286·7	95	− 22
542	Alexandria	31 12	29 53	32·0	1013·4	1017·1	− 1·3	296·4	301·7	2nd	287·6	285·8	sev. dates	292·0	+2·4	*290·6*	45	
543	Cairo (Helwan)	29 52	31 20	116	1003·1	1016·7	− 2·1	295·5	298·4	16th	285·2	280·7	31st	290·4	+2·2	289·7	6	+ 2
544	Nicosia (P.W.D.)	35 9	33 22	159	997·5	1016·5	− 1·4	292·3	294·7	21st, 22nd	281·0	278·0	3rd, 30th	286·7	+2·6	..	172	+ 95
544a	Beirut	33 54	35 28	33·7	..	1015·7	− 0·3	292·6	294·5	6th	287·7	282·7	30th	290·2	+1·5	..	185	+ 10
545	Baghdad	33 21	44 28	38·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
546	Busrah	30 31	47 53	7·6	1018·8	1020·0	− 2·4	294·4	299·9	5th	281·3	277·1	19th	287·8	+1·3	..	4	− 23
546a	Lenkoran	38 46	48 51	−19·3	1023·1	1020·8	− 1·6	..	290·8	21st	278·5	274·8	10th	..	+1·1	*280·5*	76	− 27
547	Teheran	35 41	51 25	1220	..	..	..	284·9	289·2	8th	275·3	272·4	17th	280·1	+1·3	*279·6*	5	− 19
548	Meshed	36 16	59 35	946	..	..	..	286·4	292·1	21, 23, 24	269·7	265·2	1st	278·1	+0·5	..	1	
549	Seistan	31 0	61 30	?	..	..	..	290·4	295·0	7th	273·2	269·1	1st	281·8	..	..	0	..
550	Quetta	30 11	67 3	1677	836·0	..	− 0·8	287·5	293·1	5th	268·8	265·6	1st	278·1	−0·9	*277·6*	2	− 22
551	Peshawar	34 2	71 37	339	978·2	1019·6	− 2·5	292·7	295·7	9th	275·5	272·6	24th	284·1	−0·6	*282·9*	0	− 12
551a	Lahore	31 34	74 20	214	991·9	1018·1	− 1·6	295·2	297·8	15th	277·2	274·8	31st	286·2	−0·6	*284·9*	0	− 10
552	Simla	31 7	77 8	2205	781·3	..	− 1·5	282·8	286·3	2nd	277·1	272·7	30th	279·9	−0·1	*279·4*	2	− 30
552a	Leh	34 10	77 42	3503	666·3	..	− 0·5	275·7	281·4	1st	262·1	257·8	28th	268·9	+0·1	*267·8*	5	+ 1
559	Hang Kow	30 35	114 17	37·0	1022·9	1027·5	− 0·9	282·1	291·6	6th	274·1	267·5	30th	278·1	−1·2	*277·8*	19	− 2
560	Tientsin	39 10	117 10	5·0	1027·9	1028·6	+ 0·4	273·8	283·5	3rd	265·4	254·2	25th	269·6	−1·4	*269·1*	5	+ 2
561	Shanghai (Zi-Ka-Wei)	31 12	121 26	7	..	1025·6	− 0·5	284·3	291·6	6th	274·5	265·4	27th	279·5	+0·2	278·8	27	− 4
562	Jinsen (Chemulpo)	37 29	126 37	67·6	1016·6	1025·3	+ 0·7	276·8	284·7	7th	268·8	254·4	26th	272·8	−0·3	272·4	16	− 35
562a	Nagasaki	32 44	129 52	133	1005·2	1021·5	+ 0·4	285·8	296·4	7th	278·4	273·0	27th	282·1	+1·0	281·7	51	+ 26
563	Kioto	35 1	135 44	42·9	1014·5	1019·8	+ 0·7	285·1	291·0	6th	273·9	268·3	27th	279·5	+1·9	279·2	79	− 3
564	Tokio	35 41	139 45	21·3	1014·9	1017·5	+ 2·2	284·3	291·6	5th	275·8	270·7	28th	280·0	+1·7	279·8	51	− 35
565	Kanayama	37 53	140 46	24·6	1014·1	1017·1	+ 1·1	281·6	288·7	8th	272·2	267·1	17th	276·9	+0·7	276·7	27	− 24
566	Miyako	39 38	141 59	30·4	1012·5	1016·3	+ 2·1	282·1	291·8	5th	271·0	267·1	17th	276·5	+0·7	275·9	39	

DECEMBER—ZONE 6.

Between Latitude 30° N. and 20° N.

605	Honolulu	N. 21 19	W. 157 52	11·6	1014·8	1016·1	− 0·2	297·9	299·7	..	292·9	290·8	..	295·4	0·0	*295·9*	141	+ 27
606																		
615	Zacatecas	22 47	102 35	2610	..	..	..	..	..	..	..	..	..	..	..	..	..	..
616	Leon	21 7	101 41	1800	..	..	..	..	..	..	..	..	..	..	..	..	..	..
617	Tulancingo	20 5	98 22	2180	..	..	..	..	..	..	..	..	..	..	..	..	..	..
618										292·5								
618a	New Orleans	29 58	90 4	16·2	1015·4	1017·3	− 2·9	290·8	298·0	20th	283·7	269·7	22nd	287·3	+0·7	*287·2*	20	+ 62
619	Havana	23 8	82 21	24·3	..	1017·9	− 2·3	291·7	299·7	20th	282·5	273·0	15th	287·1	+1·5	*286·9*	182	+ 57
620	Key West	24 33	81 48	6·7	1017·5	1018·3	+ 0·1	299·2	302·7	22nd	291·3	285·7	17th	295·3	+0·1	*295·2*	5	− 42
621	Nassau, Bahamas	25 5	77 21	3·7	..	..	− 0·4	297·9	300·8	9th	292·2	283·6	17th	295·1	+0·4	*294·5*	3	− 33
622	Watling Island	24 6	74 26	33·5	1014·1	1018·0	+ 0·7	..	300·8	19th	292·8	287·2	17th	..	−0·8	*294·8*	5	
633	Izaña	28 19	16 30	2367	764·7	..	..	..	281·6	288·7	22nd	275·2	269·8	17th	..	*296·7*	..	..
634	La Laguna	28 28	16 20	547	951·0	1014·6	− 6·2	290·0	296·0	10th	278·4	269·8	10th	278·4	..	278·1	66	− 52
636	Colomb-Béchar	31 38	W 2 13	?	..	..	..	290·0	296·0	24th	283·1	279·1	14th	286·6	+0·3	*286·1*	74	
637	Timimoun	29 9	E 0 10	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
641	Siwa	29 12	25 29	−23	..	..	..	295·2	299·0	17th	280·8	276·0	3rd	288·0	..	*286·8*	0	
642					..	..	..	..	..	..	..	..	..	..	..	..	..	..
643	Aswan	24 2	32 53	99·6	1003·6	1015·3	− 1·7	299·7	304·2	1st	286·9	283·1	31st	293·3	+2·5	*292·2*	..	..
644	Tor	28 13	33 37	1·9	1014·7	1015·0	− 2·0	296·2	299·0	13th	284·7	280·6	18th	290·4	+1·6	*290·0*	..	..
647	Bushire	28 59	50 53	4·3	1017·2	1017·8	− 1·5	293·6	297·6	10th	285·3	281·4	22nd	289·4	−0·2	*289·0*	41	− 42
648	Jask	25 44	57 47	4·0	1016·5	1017·0	− 1·8	298·3	300·3	12th	288·4	285·2	25th	293·4	−1·2	*293·0*	16	− 17
649	Robat	29 45	60 55	?	913·8	..	..	292·2	295·7	9th	276·7	271·8	1st	284·4	..	..	5	− 3
649a	Karachi	24 53	66 57	4·0	1016·3	1016·8	− 1·6	298·7	301·3	15th	287·7	284·9	20th	293·2	−0·3	*292·8*	0	− 5
650	Hyderabad, Sind	25 24	68 18	29·3	1013·5	1016·9	− 1·7	298·6	302·4	6th	283·3	279·7	25th	290·9	−0·8	*290·5*	0	− 4
650a	Jacobabad	28 17	68 29	56·7	1010·8	1017·7	− 1·6	297·6	300·4	7th	278·9	275·3	23rd, 24th	288·2	−0·6	*287·4*	1	− 10
651	Jaipur	26 56	75 52	436	967·2	1018·6	− 1·4	298·0	301·8	7th	279·9	276·4	24th	288·9	−1·4	*287·8*	0	− 14
652	Nagpur	21 8	79 5	310	980·8	1017·0	− 1·1	299·7	302·9	1st	284·1	279·8	24th	291·9	−1·2	*291·5*	0	
653	Allahabad	25 25	81 51	94·1	1006·4	1017·8	− 1·0	295·7	299·8	18th	280·5	276·4	26th	288·1	−1·4	*287·0*	0	− 7
653a	Darjiling	27 3	88 18	2266	776·0	..	− 1·8	282·8	287·6	23rd	275·1	272·4	31st	278·9	−0·2	*278·4*	2	− 4
654	Calcutta	22 36	88 23	6·4	1015·2	1016·0	− 1·4	297·6	299·6	1st	286·6	282·5	31st	292·1	−0·1	*291·4*	0	− 5
655	Gauhati	26 8	91 41	59·7	1010·6	1017·7	− 0·6	296·2	298·9	1st	284·2	281·1	26th	290·2	−0·2	*289·6*	0	− 6
655n	Cherrapunji	25 15	91 42	1314	869·8	..	− 1·2	288·9	291·3	23rd	280·6	278·1	31st	284·8	−0·9	*284·1*	0	− 5
655a	Akyab	20 11	92 56	6·1	1013·5	1014·2	− 1·4	299·2	302·8	27th	288·5	285·0	23rd	293·9	−1·5	*293·2*	13	+ 35
656	Mandalay	21 59	96 0	76·2	1006·6	1015·7	− 1·2	300·2	305·2	1st	287·7	284·5	31st	293·9	−0·8	*293·2*	40	+ 28
656a	Tengyueh	24 59	98 35	1633	834·5	..	..	289·1	291·9	1st	275·6	270·8	25th, 29th	282·3	..	*281·3*	45	− 13
657	Phu Lien	20 48	106 37	11·6	1004·0	1017·8	− 2·1	295·5	299·0	8th	287·7	283·6	3rd	291·6	+0·3	290·9	18	+ 12
658	Moncay	21 31	107 51	9	1017·1	1018·2	− 1·7	295·7	301·6	7th	284·6	277·5	1st	290·1	−0·2	*291·8*	43	− 26
659	Hong Kong	22 18	114 10	33·2	..	1017·9	− 2·0	293·0	297·7	8th	287·4	283·2	1st	290·2	+0·1	290·1	1	− 36
660	Amoy	24 27	118 4	ca.3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
661	Taihoku, Formosa	25 2	121 31	9·3	1018·0	1019·1	− 1·5	293·3	301·1	13th	287·9	282·2	28th	290·6	+0·4	290·2	62	+ 33
662	Naha	26 13	127 41	10·5	1016·4	1017·6	− 2·4	294·9	300·3	14th, 24th	284·1	279·8	1st	289·5	−0·2	*289·7*	739	− 36
										6th	288·6	282·5	29th	291·7	+1·0	291·4	72	− 47
665	Titizima (Bonin Islands)	27 5	142 11	4·0	1014·1	1014·6	− 2·6	295·5	300·5	9th	290·8	284·6	28th	293·1	+0·6	293·1	83	
		N. ° ′	E. ° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Estimates not based on at least six equally-spaced observations each day are in *italics*.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
715	Zapotlanejo	19 38	103 37	1529	..	..	..	..	..	..	..	..	..	..	..	..	..	..
716	Morelia	19 42	101 0	1933	..	..	..	..	..	..	..	..	..	..	..	..	..	..
717	Mexico	19 26	99 8	2259	..	..	..	..	..	..	..	..	..	..	..	..	..	..
718	Oaxaca	17 4	96 44	1563	..	..	..	..	..	..	..	..	..	..	..	..	..	..
718a	Salina Cruz	16 12	95 16	56·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
719	San Salvador	13 42	89 12	684	935·5	1012·2	− 1·1	296·4	309·4	5th	292·4	284·4	3rd	294·4	+0·6	*294·7*	6	− 6
720	Belize	17 29	88 12	5·2	..	..	..	..	302·4	..	..	289·7	..	..	..	..	67	−126
721																		
722	Jamaica (Negril Point)	18 15	78 23	10·1	..	1014·5	+ 0·5	302·2	303·8	14th	293·1	289·9	31st	297·6	−0·7	*297·4*	31	− 23
723	Port au Prince	18 34	72 22	37·4	1011·2	1015·5	+ 1·0	303·5	305·1	17th	291·9	289·7	19th	297·7	−0·8	296·7	1	− 40
723a	Caracas	10 31	66 56	1010	900·6	..	+ 0·6	295·4	297·3	23rd	286·0	282·5	28th	290·7	−1·0	*290·6*	42	− 6
723b	St. Croix (Christiansted)	17 45	64 42	6·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
724	Montserrat	16 41	62 9	39·6	1010·1	1014·7	+ 0·1	301·2	304·7	26th	294·0	291·9	17, 30, 31	297·6	..	*297·1*	123	..
725	Grenada (Richmond Hill)	12 3	61 45	155	994·4	1012·4	+ 0·3	301·2	303·0	8th	295·1	294·1	sev. dates	298·2	−0·4	*297·6*	153	− 35
	Barbados	13 8	59 36	55·2	..	1013·5	+ 0·3	301·3	302·2	1st	294·0	291·0	18th	297·7	−0·4	*296·3*	39	− 56
731	St. Vincent, C. Verde Is.	16 54	25 4	11	1012·9	1014·2	− 0·4	297·7	300·0	23rd	293·1	291·0	5th	295·4	−0·3	*296·0*	0	− 7
732	San Tiago, C. Verde Is.	14 54	23 31	?40	1008·6	1013·2	− 1·3	299·4	303·6	23rd, 24th	294·5	292·6	5th	296·9	+0·2	*297·1*	0	− 8
733	Bathurst	13 24	16 36	1·5	..	1013·0	+ 0·2	301·3	306·9	22nd	290·9	288·0	1st	296·1	−0·8	*296·0*	0	− 3
734	M'Carthy Island	13 42	14 46	1·1	..	..	..	307·9	310·2	11, 20, 22	291·7	287·4	28th	299·8	+1·6	..	0	− 1
735	Ségou	13 34	6 17	300	..	..	..	..	..	..	..	..	..	..	..	..	0	
736	Timbuctoo	16 43	W 3 1	270	..	..	..	..	..	..	..	..	..	..	..	..	..	..
737	Sokoto	13 2	E 5 14	353	..	..	..	310·7	312·4	sev. dates	289·8	283·6	28th	300·3	+3·7	..	0	0
738	Kaduna Junction	10 50	7 25	640	..	..	..	304·8	307·4	12th, 13th	287·6	284·1	23rd	296·2	+0·8	..	0	− 3
739	Katagum	12 17	10 22	30·7	..	..	..	..	..	..	..	..	..	..	..	..	0	0
740	Maiduguri	12 11	13 11	361	..	..	..	306·1	311·3	11th	285·5	283·0	22, 27, 28	295·8	−0·4	..	0	0
741	El Obeid	11 47	13 11	569	947·3	1011·7	− 1·2	303·2	307·5	1st	283·6	278·2	28th	293·4	−0·3	*293·1*	0	0
743a	Khartoum	15 37	32 33	390	967·2	1011·7	− 0·4	302·9	306·3	8th	289·0	283·7	29th	296·0	−0·2	*295·1*	0	0
744	Port Sudan	19 37	37 13	5·9	1012·0	1012·7	− 1·5	301·4	303·5	5th	294·6	291·0	27th, 30th	298·0	+0·3	*297·7*	16	− 1
745	Berbera, Somaliland	10 22	45 2	10·1	..	1015·3	− 0·2	303·7	305·8	11th	293·7	291·3	25th, 26th	298·7	+0·2	*298·3*	1	− 1
746	Aden	12 45	45 3	28·7	1011·3	1014·5	− 2·0	299·6	301·6	29th	295·4	293·8	26th	297·5	−0·7	*297·1*	3	0
751	Bombay	18 54	72 49	11·3	1013·0	1014·2	− 1·2	302·0	304·8	5th	294·4	291·1	31st	298·2	+0·1	*297·7*	0	− 2
751a	Cochin	10 58	76 21	2·7	1011·6	1011·8	− 1·2	304·7	306·2	15th	295·1	292·8	20th	299·9	−0·2	*299·5*	5	− 36
752	Kodaikanal	10 14	77 28	2343	770·5	..	− 1·4	289·4	293·9	19th	280·4	277·6	23rd	284·9	−0·8	*284·1*	31	− 73
752a	Bangalore	12 59	77 38	920	912·2	1014·4	− 1·0	298·6	300·4	30th	287·2	285·1	19th	292·9	−0·3	*292·4*	6	− 6
753	Madras	13 4	80 14	6·7	1013·2	1014·0	− 1·1	301·8	302·9	1st, 3rd	293·9	290·7	25th	297·8	+0·1	*297·4*	98	− 61
754	Waltair	17 45	83 16	68·9	1007·5	1015·4	− 1·2	300·3	301·9	3rd	292·6	289·8	17th	296·4	−0·2	*296·0*	0	− 27
755	Port Blair	11 40	92 40	17·7	1009·4	1011·5	− 1·5	301·9	303·3	12th	296·9	293·7	31st	299·4	−0·9	*299·0*	134	− 39
756	Rangoon	16 46	95 48	5·5	1013·0	1013·7	− 1·3	302·6	305·1	26th	291·6	289·3	6th	297·1	−1·1	*296·2*	1	− 3
757	Saigon	10 47	106 42	11·2	1007·8	1009·1	− 2·0	302·9	304·9	7th, 27th	293·5	289·1	3rd	298·2	−0·5	*297·6*	49	− 13
758	Nhatrang	12 15	109 12	3·6	1011·0	1011·4	− 2·0	299·2	301·9	31st	294·3	292·6	5th	296·7	−1·1	*296·3*	157	− 35
760	Bolinao	16 24	119 53	9·7	..	1007·7	− 2·9	304·5	306·1	19th	296·0	293·7	25th	300·3	+0·5	300·0	8	− 4
761a	Vigan	17 34	120 23	12·2	..	1007·8	− 3·1	304·2	305·8	9th	294·8	289·8	1st	299·5	+0·1	299·3	7	0
762	Manila	14 35	120 59	14·2	..	1008·0	− 3·4	303·3	305·2	18th	294·4	290·4	1st	298·9	−0·2	297·9	76	+ 13
763	Ormoc	11 0	124 36	5·6	..	1006·4	− 2·7	303·4	305·7	4th	295·3	292·4	23rd	299·3	+0·2	298·7	392	+198
	Guam, Ladrone Is.	13 24	144 38	20·4	..	1006·7	− 2·1	302·1	303·2	4th	297·0	294·0	5th	299·5	−0·1	*299·5*	56	− 73
		N.	E.															

Between Latitude 10° N. and 0°.

DECEMBER—ZONE 8.

805	Fanning Island	N. 3 55	W. 159 23	4·3	..	..	..	302·1	304·1	12th	297·1	295·2	10th	299·6	+0·2	*299·2*	145	−152
822	Colon	9 23	79 23	11·0	..	1010·8	+ 0·1	..	..	..	..	..	..	..	..	..	..	..
822a	Bogota	4 36	74 6	2645	..	..	..	295·1	296·4	14th	286·2	284·1	29th	290·7	..	*289·9*	53	..
824	Merida	8 36	71 10	1641	841·0	..	..	..	..	..	..	..	..	..	..	..	90	− 16
824a	El Peru, Guayanavieja	7 30	62 0	220	984·7	1009·7	− 0·1	302·1	303·7	7th, 16th	293·7	290·8	29th, 30th	297·9	+0·2	*297·3*	291	+ 7
820	Georgetown, Brit. Guiana	6 50	58 12	1·8	..	1012·5	− 1·2	301·4	302·4	2, 5, 12	296·7	295·5	15th	299·1	−0·4	*298·6*	327	+105
826c	Paramaribo	5 49	55 9	3·7	1010·3	1010·7	− 1·4	302·3	304·9	3rd	295·5	294·5	6th	298·9	−0·3	*297·5*	276	+ 4
	Cayenne	4 56	52 21	6	..	..	..	303·1	304·6	12, 13, 14	295·6	293·8	21st	299·3	−0·6	*299·0*		
833	Conakry	9 31	13 43	16	1008·0	1009·8	− 1·2	303·5	306·0	..	297·0	295·6	..	300·3	+0·1	*299·9*	0	− 8
834	Freetown, Sierra Leone	8 30	13 9	68·3	1003·0	1010·9	− 0·2	303·7	304·7	9, 11, 17	296·6	293·6	21st	300·1	−0·4	*299·6*	41	+ 3
835	Cape Coast Castle	5 5	1 13	?	..	..	..	..	..	..	294·3	292·4	5th	300·7	..	..	12	− 16
836	Accra	5 12	W 0 12	18	..	..	..	303·2	304·7	16th	296·9	295·8	3rd	300·1	+0·4	*299·7*	5	− 14
837	Lagos	6 27	E 3 24	1·8	1010·3	1010·5	− 1·7	304·0	305·3	..	296·6	293·6	..	300·3	−0·1	*299·8*	1	− 20
838	Zungeru	9 49	6 10	130	..	..	..	309·1	?311·9	13th	289·7	?284·7	29th	299·4	+0·2	..	0	− 2
838a	Libreville	0 23	9 26	35	1003·6	1007·6	..	303·9	305·4	2nd	295·8	293·5	20th	299·9	+0·7	*299·4*	480	+243
839	Yola	9 12	12 30	259	..	..	..	307·6	313·6	3rd	290·4	288·0	29th	299·0	−0·4	..	0	0
841	Wau	7 42	28 3	440	959·4	1008·3	− 1·1	307·3	309·0	sev. dates	289·3	283·0	28th	298·3	−0·6	*297·2*	0	0
843	Mongalla	5 11	31 47	439	959·5	1008·3	+ 0·2	306·7	308·5	1st, 25th	292·9	290·5	26th	299·8	−0·5	*298·7*	0	0
843a	Malakal (Kodok)	9 35	31 37	394	..	..	..	306·4	308·0	1st	..	..	..	..	..	..	11	+ 3
844	Entebbe	0 5	32 29	1171	882·1	..	− 1·5	299·5	302·4	1st	289·1	288·0	22nd, 23rd	294·3	−0·4	*294·0*	0	0
845	Harrar	9 42	42 30	1856	..	..	..	300·6	301·0	sev. dates	289·6	289·0	sev. dates	295·1	+2·6	..	94	− 35
851	Minicoy	8 17	72 49	2·1	1012·4	1012·6	− 0·1	..	..	..	..	..	..	..	..	..	34	+ 24
852	Colombo Observatory	6 54	79 53	7·3	1008·8	1009·6	− 0·1	303·2	306·1	8th	294·2	291·9	27th	298·7	−0·8	*298·3*	10	+ 67
853	Nuwara Eliya	6 59	80 47	1886	..	..	..	292·9	295·8	18th	280·6	274·6	22nd	286·8	−0·5	*286·0*	52	− 88
855	Trincomalee	8 34	81 14	30·2	1007·1	1010·6	− 0·2	302·0	305·2	31st	296·6	294·2	26th	299·3	+0·4	*298·9*	83	−142
856	Kota Radja	5 32	95 20	7·1	..	1008·6	− 2·9	..	..	..	..	..	..	..	..	..	115	−242
857	Medan	3 35	98 41	25·0	..	1008·9	− 2·4	301·6	303·9	29th	294·8	293·1	26th	298·2	..	297·5	161	− 63
	Penang	5 34	100 20	6·3	?1007·9	?1008·6	− 1·9	303·7	305·8	21st	295·8	295·2	17th	299·7	−0·5	*299·2*	419	+182
858	Singapore	1 17	103 51	3·0	1007·8	1008·1	− 2·0	303·2	305·2	6th, 26th	296·0	295·2	1st	299·6	+0·1	*299·1*	39	− 80
859	Sandakan	5 50	118 7	?	..	..	..	303·5	304·7	sev. dates	296·6	295·2	29th	300·1	+0·4	*299·6*	231	− 43
860	Iwahig	9 44	118 38	4·3	..	1004·5	− 3·6	302·9	305·5	14th	295·1	292·4	29th	299·0	..	*298·4*	469

DECEMBER—ZONE 9.

Table representing the Meteorology of the Globe between Latitude 0° and 10° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
905	Malden Island	4 2	155 1	7·9	1010·8	1011·7	+ 2·0	303·2	304·7	6th, 7th	294·9	294·1	10, 20, 28	299·1	−2·5	*298·4*	5	− 14
921	Quito	0 10	78 35	?	..	..	..	..	..		..	..		..	..	..	..	..
924	Manaos	3 8	60 1	44·9	1004·4	1009·5	− 2·2	304·5	308·0	24th	296·1	294·8	27th	300·3	−0·5	*299·6*	163	− 42
926	Taperinha	2 30	54 42	20·0	1007·4	1009·7	..	..	..	..	295·3	293·6	2nd	..	..	*297·9*	264	..
927	Turyassu	1 43	45 27	15·0	1007·8	1009·5	− 0·7	306·3	307·8	22nd	296·1	293·7	3rd	301·2	−0·1	*299·9*	67	+ 9
928	Barra do Corda	5 31	45 16	81·0	999·1	1008·4	+ 0·8	304·3	306·8	21st	294·8	293·5	16th	299·5	−0·5	*298·5*	101	+ 20
929	Quixeramobim	5 16	39 15	207	986·7	1010·1	− 0·7	306·5	307·8	23rd	298·0	293·8	29th	302·3	−0·3	*301·3*	102	+ 72
930	Fernando Noronha	3 50	W32 55	95·0	999·0	1010·0	− 0·7	300·9	301·5	31st	296·9	295·5	16th	298·9	..	*298·1*	26	+ 11
939	Loanda	8 49	E 13 13	59·3	..	1007·7	− 3·1	300·8	302·0	6, 19, 31	296·7	295·4	14th	298·7	+0·8	298·7	124	+106
940	Brazzaville	4 17	15 16	290	976·5	1009·4	..	303·7	307·0	12th	292·9	291·0	28th	298·3	−0·3	*297·6*	324	+172
943	Masaka	0 21	31 47	?1280	..	..	..	297·7	300·2	2nd, 12th	?287·5	?285·8	sev. dates	?292·6	−0·4	*292·2*	72	− 12
944	Nairobi	1 15	36 44	1800	..	..	..	295·8	299·7	26th	283·6	279·1	14th	289·7	−0·4	..	69	+ 4
944*a*	Zanzibar	6 10	39 11	21·9	1009·8	1012·1	− 1·2	303·2	304·5	27th	299·1	296·7	14th	301·1	+0·1	*300·6*	74	− 67
945	Lamu	2 16	40 54	3·1	..	..	..	301·9	303·0	1st	296·3	296	1st	299·1	−1·2	*298·7*	29	+ 5
947	Seychelles, Port Office	4 37	55 27	4·6	1009·7	1010·2	− 1·3	301·0	302·1	31st	297·7	295·9	12th	299·3	−0·1	*299·0*	259	− 88
957	Padang	0 56	100 22	6·7	..	1008·9	− 2·4	302·4	304·8	12th	296·0	295·1	21st	299·2	..	298·3	636	+142
958	Batavia	6 11	106 50	8·0	1006·3	1007·2	− 2·4	302·1	304·5	22nd	296·3	295·1	16th	299·2	−0·2	298·6	274	+ 64
958*a*	Pontianak	0 1	109 20	2·6	..	1007·8	− 2·6	302·5	303·9	31st	296·3	295·3	31st	299·4	..	298·7	208	−147
959	Passeroean	7 38	112 55	5·0	..	1005·8	− 3·2	303·9	305·5	18th	295·9	294·6	19th	299·9	−0·7	299·1	219	+ 58
960	Kajoemas	7 56	114 9	1060	..	..	..	295·6	297·2	31st	291·1	290·4	23rd	293·3	..	292·7	479	+ 91
962	Ambon	3 42	128 10	4·2	..	1005·9	− 2·6	303·4	305·8	12th	297·0	295·4	5th	300·2	+0·5	299·7	134	+ 6
963	Manokwari	0 52	134 20	19·0	..	1006·5	− 1·8	303·7	305·0	1st	297·5	296·6	1st	300·6	..	299·9	266	− 23
965	Daru	9 4	143 13	7·6	..	1005·1	− 3·8	302·5	..	..	299·2	..	..	300·8	+0·3	*300·5*	182	− 12
966	Port Moresby	9 29	147 9	39·0	..	1005·1	− 3·5	305·3	..	..	297·5	..	..	301·4	+0·1	*300·9*	60	− 34
967																		
968	Rendova	8 30	157 12	1·8	1005·9	1006·1	− 0·7	..	..	..	..	..	..	..	..	..	315	+ 14
969	Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	1005·1	1005·4	− 1·7	304·3	307·4	17th	297·0	295·2	30th	300·7	−0·3	*300·2*	422	+149
970	Ocean Island	0 52 S.	169 35 E.	25·6	1002·5	1005·4	− 1·6	304·7	305·2	sev. dates	297·7	296·9	31st	301·2	+0·1	*300·5*	1	−203

DECEMBER—ZONE 10.

Between Latitude 10° S. and 20° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1002	Apia, Samoa	13 48	171 46	2	..	1009·3	+ 1·5	301·9	303·4	9th	296·0	294·4	3rd	299·0	0·0	299·0	672	+306
1003	Alofi, Niue Island	19 2	169 55	36·6	..	..	..	303·1	307·4	30th	291·0	286·9	1st	297·1	..	*296·3*	355	+108
1007	Makatea	15 47	148 14	47	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1021	Arequipa	16 22	71 33	2451	759·9	..	− 0·6	292·1	293·6	4th	281·2	278·8	8th	286·6	−1·1	*286·0*	5	+ 2
1022	Puerto de Arica	18 28	70 20	5	..	..	..	294·5	296·0	5th	288·9	288·2	sev. dates	291·7	−0·1	*293·2*	0	0
1023																		
1024	Sucre, Bolivia	19 30	64 24	2848	726·5	..	..	291·2	296·2	6th	282·2	279·2	15th	286·7	−2·6	*286·6*	86	− 25
1025	Corumba	19 0	57 39	116	994·7	1007·9	− 0·6	310·3	312·0	6th	..	..	..	..	..	*302·5*	245	+ 53
1026	Cuyaba	15 36	56 6	165	988·6	1007·4	− 1·0	302·4	305·8	29th	297·8	293·2	24th	300·1	−0·8	*299·5*	319	+123
1027	Bello Horizonte	19 55	43 55	857	916·8	1012·2	+ 0·4	298·6	303·8	26th	291·1	287·0	15th	294·9	+0·2	*294·3*	351	+ 67
1028	Caetite	14 2	42 36	900	913·9	1013·8	+ 0·4	299·5	305·1	11th	289·4	287·4	19th	294·5	−0·9	*294·9*	98	− 45
1029	Ondina (Bahia)	13 0	38 30	47·0	1006·4	1011·8	− 0·3	302·4	304·5	27th	294·5	292·5	7th	298·5	−0·9	*297·8*	69	− 38
1030	Aracaju	10 55	37 3	4·0	1012·0	1012·4	− 0·3	301·7	303·3	2nd	297·0	294·9	6th	299·3	−0·5	*299·1*	33	− 27
1035	St. Helena	15 57	W 5 40	632	945·6	1016·8	+ 0·3	296·7	301·4	16th	286·6	285·6	5th	291·7	+1·9	*291·3*	27	−155
1042	Gwelo	19 28	E 29 47	1417	859·8	..	− 0·9	299·2	304·7	1st	..	..	..	..	..	..	303	+ 34
1043	Salisbury, Rhodesia	17 48	31 5	1457	853·4	..	− 2·7	300·1	304·2	19th	288·2	285·7	13th	294·2	+0·4	..	181	+222
1044	Zomba	15 23	35 18	? 945	904·3	1008·3	− 1·8	299·3	303·6	3rd	291·4	290·2	13th, 18th	295·3	−0·4	*294·7*	494	+160
1045	Tananarivo	18 55	47 32	1400	862·4	..	− 1·1	297·0	300·9	8th	288·3	285·1	13th	292·7	−1·2	*291·5*	448	..
1046	Sainte-Marie	17 0	49 51	15	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1055	Cocos Keeling Is.	12 5	96 53	4·6	1008·4	1009·0	− 2·0	301·6	304·9	14th	297·5	295·2	3rd	299·6	−0·4	*299·2*	188	+ 76
1056																		
1057	Christmas Island	10 25	105 43	5·5	1004·1	1004·7	− 3·4	302·9	305·2	..	296·6	295·2	..	299·8	−0·4	*299·4*	191	− 12
1058																		
1061	Koepang	10 10	123 34	45·1	..	1005·6	− 2·7	303·1	305·7	6th	296·3	294·5	26th	299·7	..	299·1	331	+ 78
1061*a*	Derby	17 18	123 40	16·2	1002·8	1004·7	− 2·8	308·9	315·5	21st	299·3	295·2	16th	304·1	+0·3	..	75	− 39
1062	Hall's Creek	18 13	127 46	374	964·0	1004·7	− 2·4	309·3	313·5	25th	295·6	288·7	15th	302·4	−1·3	..	52	− 34
1063	Port Darwin	12 28	130 51	29·6	1000·7	1004·0	− 2·7	306·1	308·7	17th	298·1	296·1	10th, 27th	302·1	−0·5	*301·0*	317	− 53
1064	Daly Waters	16 16	133 23	211	978·7	1001·9	− 3·9	308·7	313·0	20th	296·2	290·2	14th	302·4	−1·8	*301·8*	108	+ 4
1065	Mein	13 13	142 47	122	990·0	1003·6	− 2·8	306·1	309·4	5th	295·9	294·1	6th, 26th	301·0	−0·5	*300·5*	228	+115
1066	Georgetown, Queensland	18 22	143 32	302	973·1	?1006·4	− 1·5	305·2	309·1	2nd	295·7	292·4	14th	300·5	−1·3	..	271	+ 83
1067	Samarai	10 37	150 40	15·2	..	1006·9	− 1·8	302·9	..	..	297·6	..	..	300·3	−0·1	*299·9*	199	+ 30
1072	Suva, Fiji	18 8 S.	178 26 E.	16·8	1006·7	1008·6	− 1·2	302·5	305·8	11th	295·7	293·6	15th	299·1	0·0	*298·6*	338	+ 30
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Estimates not based on at least six equally-spaced observations each day are in *italics*.

DECEMBER—ZONE 11.

Table representing the Meteorology of the Globe between Latitude 20° S. and 30° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1105 1106	Rarotonga (Avarua)	21 12	159 47	6	..	..	..	300·0	301·9	29th	294·3	291·9	13th, 14th	297·2	−0·7	*296·8*	148	− 30
1121	Punta Tortuga, Coquimbo	29 56	71 21	27	1011·5	1014·7	0·0	291·6	293·0	5th, 6th,	286·7	285·8	7th	289·1	−0·1	*288·6*	0	0
1122	Iquique	20 12	70 11	9	1012·8	1013·9	− 0·3	296·7	301·2	3rd	288·4	286·2	27th	292·5	−0·7	*292·4*	0	0
1123	Catamarca	28 27	65 47	529	..	1005·2	− 0·2	306·1	317·6	5th	292·1	281·3	20th	299·1	−0·8	*299·0*	51	+ 12
1124	Salta	24 46	65 28	1178	879·5	1007·0	− 0·4	300·1	307·5	5th	287·6	280·5	20th, 21st	293·9	−0·1	*294·7*	100	− 7
1125	Goya	29 9	59 15	38	..	1009·5	+ 0·2	305·5	314·2	6th	291·5	283·5	14th	298·5	+0·8	*298·5*	91	− 24
1126	Asuncion	25 21	57 37	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1127 1128	Curityba	25 25	49 17	908	910·7	1012·1	− 1·1	298·7	304·8	3rd, 13th	287·1	281·2	31st	292·9	−0·8	*291·8*	156	− 4
	Rio de Janeiro	22 54	W43 10	61·4	1004·0	1011·2	− 0·3	300·1	306·4	27th	294·0	289·6	15th	297·1	−0·8	296·8	241	+102
1139 1140	Windhoek	22 34	E 17 6	1665	..	..	..	296·4	305·8	7th	289·1	287·4	26th, 27th	292·7	−4·0	*292·6*	101	+ 51
1141 1142	Kimberley	28 42	24 47	1202	879·0	..	− 1·0	305·1	309·3	5th	289·8	287·4	8th, 28th	297·4	+0·4	297·1	22	− 32
1142*a*	Johannesburg	26 11	28 4	1806	820·0	..	− 2·6	295·7	299·1	3rd	285·7	282·5	31st	290·7	−0·7	*290·3*	239	+116
1143	Pretoria	25 45	28 12	1338	867·8	..	..	298·7	303·8	6th	287·9	285·2	24th	293·3	..	..	172	+ 50
1144	Durban	29 59	31 3	15·2	1012·1	1013·9	..	299·7	301·9	13th, 26th	293·0	290·2	3, 4, 8	296·3	+0·4	*295·8*	225	+ 98
1147	Lorenzo Marques	25 58	32 36	59·5	..	1011·6	− 1·1	302·8	306·2	7th	294·3	291·7	13th	298·6	+0·3	298·2	49	− 59
1159 1160	Mauritius	20 6	57 33	55·2	1006·7	1012·1	− 1·9	301·6	304·1	7th	294·0	291·3	17th	297·8	−1·0	297·4	70	− 50
1161	Onslow	21 43	114 57	4·3	1002·6	1003·6	− 4·1	308·8	317·3	31st	295·5	290·9	1st	302·1	+0·4	..	0	− 3
1162	Peak Hill	25 38	118 47	588	939·4	1002·4	− 3·3	310·0	316·9	25th	295·5	287·1	13th	302·8	−0·2	..	0	− 15
1163	Nullagine	21 53	120 5	386	960·9	1002·2	− 3·5	312·7	318·0	24th	295·3	287·4	14th	304·0	−0·6	..	20	− 14
1164	Laverton	28 40	122 23	466	957·0	1008·1	− 1·4	308·3	316·7	19th	291·6	284·6	11th	299·9	−0·5	..	0	− 18
1164*a*	Alice Springs	23 38	133 37	587	941·6	1005·4	− 1·7	305·8	312·2	23rd	292·4	285·8	14th	299·1	−2·0	*299·1*	11	− 26
1164*b*	William Creek	28 55	136 21	76·2	999·4	1007·9	− 2·2	307·1	314·7	22nd	292·0	285·5	13th	299·6	−1·0	*299·4*	8	− 2
1165 1166	Boulia	22 55	139 38	146	988·7	1004·7	− 1·1	308·7	314·7	24th	293·8	288·2	14th	301·2	−2·8	..	221	+183
1167	Thargomindah	27 58	143 43	123	992·8	1006·6	..	305·9	313·6	23rd	294·4	288·3	14th	300·2	..	..	79	..
1168	Mitchell	26 32	147 52	330	..	..	..	302·4	309·0	8th	290·7	284·1	14th	296·6	−2·6	..	147	+ 83
1169	Rockhampton	23 24	150 30	11·3	1007·1	1008·4	− 2·1	302·3	306·6	4th	294·5	291·3	19th	298·4	−1·7	*297·9*	240	+131
1170	Brisbane	27 28	153 2	11·6	1010·0	1011·3	− 0·6	301·3	304·2	2nd	292·2	289·3	15th	296·8	−0·9	*296·2*	130	+ 5
	Quitchambo	21 52	166 3	38	1003·7	1008·1	..	303·7	307·0	27th	291·5	287·0	31st	297·6	..	..	215	+124
	Norfolk Island	29 5 S.	167 53 E.	15·2	1011·7	1013·1	− 0·2	296·8	299·1	23rd	292·6	290·2	30th	294·7	+0·7	*294·3*	129	+ 45

DECEMBER—ZONE 12.

Between Latitude 30° S. and 40° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1221	Juan Fernandez	33 37	78 50	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1221*a*	Punta Tumbes	36 37	73 6	91	1004·2	1015·2	− 0·8	290·6	299·2	18th	282·6	280·0	sev. dates	286·6	−0·7	*286·4*	28	+ 17
1222	Punta Angeles, Valparaiso	33 1	71 38	41	1009·8	1014·6	− 0·2	293·9	299·5	26th	284·9	283·4	25th	289·4	−1·7	*288·5*	0	− 5
1222*a*	Santiago	33 27	70 42	520	953·2	1012·8	− 0·4	301·0	307·5	27th	283·8	280·4	8th	292·4	−0·3	*291·3*	1	− 4
1223	Cordoba	31 25	64 12	423	960·6	1008·6	− 0·7	304·2	314·6	..	287·6	281·2	..	295·9	+0·4	295·7	129	+ 11
1224	Bahia Blanca	38 45	62 15	25	..	1009·5	+ 0·3	302·0	312·0	28th	288·0	280·7	19th	295·0	+0·1	294·7	51	+ 3
1225	Buenos Ayres	34 46	58 22	25	..	1010·2	− 1·9	300·4	310·1	11th	288·4	279·4	14th	294·4	+0·9	294·4	68	− 30
1226	Montevideo (Prado)	34 53	56 12	24·9	1008·0	1009·7	− 2·3	..	307·8	..	..	281·0	..	..	0·0	293·9	59	− 27
1226*a*	Rio Grande	32 2	W52 9	2	1009·9	1010·1	− 0·8	298·5	306·3	3rd	291·3	284·7	14th	294·9	−0·6	*294·9*	87	+ 26
1239	Cape Town	33 56	E 18 29	11·3	..	1012·9	− 1·7	299·4	310·0	16th	288·4	282·0	10th	293·9	+1·1	*292·6*	12	− 10
1240	Danger Point	34 37	19 18	19·5	..	..	..	294·7	299·9	17th	287·8	280·8	8th	291·2	..	..	10	..
1241	Heidelberg	34 5	20 58	30·5	..	..	..	302·7	313·6	17th	288·0	283·0	8th	295·3	..	..	32	− 6
1242	East London	33 2	27 53	9·8	1011·8	1012·9	− 0·6	296·9	301·3	30th	290·8	288·0	4th	293·9	+0·6	..	69	− 13
1259 1260	Perth (Observatory)	31 57	115 50	60·0	1004·7	1011·7	− 1·5	300·6	309·9	14th	288·6	283·6	1st	294·6	+0·1	..	4	− 11
1261	Katanning	33 42	117 35	310	977·8	1013·3	+ 0·2	300·4	310·5	14th	284·3	279·3	12th	292·3	−1·1	..	1	− 13
1262	Coolgardie	30 57	121 10	423	962·6	1010·1	− 0·9	304·1	314·3	18th	287·0	280·4	11th	295·6	−1·7	..	4	− 14
1263	Eucla	31 45	128 58	4·6	1011·3	1011·8	1·2	295·5	315·8	26th	287·2	281·9	9th	291·3	−2·3	..	5	− 6
1264	Streaky Bay	32 48	134 13	13·1	1011·4	1012·9	− 0·8	300·2	312·8	26th	286·7	280·0	4th	293·4	−0·9	..	1	− 9
1265 1266	Adelaide	34 56	138 35	42·7	1006·2	1011·2	− 2·0	299·9	314·1	27th	287·3	280·6	4th	293·6	−1·2	*293·1*	42	+ 18
1267	Melbourne	37 49	144 58	35·1	1006·7	1010·8	− 1·7	296·9	308·9	27th	286·8	282·4	6th	291·8	+0·9	290·9	111	+ 52
1268	Bourke	30 13	145 58	110	998·3	1010·9	+ 0·3	307·3	314·7	20th	292·1	286·3	14th	299·7	−1·5	..	34	+ 3
	Sydney	33 52	151 12	44·5	1006·4	1011·6	− 0·3	297·4	303·0	9th	290·4	287·2	14th	293·9	−0·2	..	87	+ 20
	Lord Howe Island	31 32	159 4	4·6	1013·0	1013·5	..	297·6	299·7	13th	291·9	287·4	8th	294·8	..	..	149	+ 25
1271 1272	Auckland	36 50	174 50	38·1	..	1016·6	..	295·2	298·0	17th, 24th	288·6	284·7	6th	291·9	+1·2	..	218	+147
	Napier	39 32 S.	176 53 E.	21·3	..	1018·6	+ 7·0	297·6	305·2	15th	287·8	282·4	30th	292·7	+1·8	..	59	− 5

DECEMBER—ZONE 13.

Between Latitude 40° S. and 50° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1301	Chatham Island	43 52	170 42	104	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1321	Isla Huafo	43 34	74 45	140	999·5	1016·5	+ 0·8	285·3	287·9	31st	281·4	278·6	5th	283·3	−1·1	*283·2*	47	− 9
1322	Punta Galera	40 1	73 44	40	1011·9	1016·8	+ 0·4	287·1	289·4	10th	281·8	280·1	26th	284·5	−1·4	*284·4*	157	+ 79
1323	Sarmiento	45 30	69 0	274	..	1006·0	..	296·0	306·0	14th	283·0	276·0	17th	289·5	+0·2	289·0	16	..
1324	Punta Madryn	42 49	W64 58	14	..	1008·6	..	298·8	306·8	27th	284·7	276·2	18th	291·7	+0·1	291·1	4	0
1365 1366	Launceston	41 27	E147 10	10·1	1007·9	1009·0	0·0	295·6	307·0	28th	285·0	279·2	15th	290·3	+0·8	..	140	+ 88
	Hobart	42 53	147 20	53·9	1002·5	1008·9	− 0·5	292·6	301·0	28th	284·8	279·6	15th	288·7	−0·1	*287·9*	196	+146
1370 1371	Invercargill	46 25	168 21	5·5	..	..	..	292·9	300·8	24th	282·3	275·2	22nd	287·6	+1·8	..	35	− 75
1371*a*	Dunedin	45 52	170 31	91·4	..	1011·1	+ 2·0	293·7	301·9	9th	283·9	279·1	2nd	288·8	+2·9	..	46	− 43
1372	Christchurch	43 32	172 38	7·6	..	1016·6	+ 6·0	296·3	306·1	11th	285·4	279·0	1st	290·8	+2·2	..	17	− 31
	Wellington	41 16 S.	174 46 E.	2·4	..	1018·5	+ 7·0	294·3	299·4	24th	286·6	279·8	1st	290·4	+1·7	..	0	− 82
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Estimates not based on at least six equally-spaced observations each day are in *italics*.

DECEMBER—ZONE 14. Table representing the Meteorology of the Globe between Latitude 50° S. and 60° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1421	Islota de los Evangelistas	52 24	75 6	55	997·0	1003·7	+ 1·4	281·8	283·0	26th, 27th	278·9	277·0	5th	280·3	−0·3	*280·3*	326	+ 68
1422	Puerto de Punta Arenas	53 10	70 54	4	1000·3	1000·8	+ 2·2	287·5	291·2	26th	278·8	275·2	16th	283·1	−0·2	*282·8*	27	+ 6
1423	Punta Dungeness	52 24	68 26	5	1000·2	1000·8	+ 0·3	287·0	290·8	26th	277·0	273·5	16th	282·0	−0·5	*283·0*	33	− 10
1424	Santa Cruz	52 22	68 21	12	..	1003·6	+ 1·5	292·7	304·7	26th	281·2	276·0	17th	286·9	+0·4	286·5	10	..
14244	Año Nuevo	54 39	64 9	50	990·7	996·8	..	283·4	286·3	26th	277·2	274·4	7th	280·3	..	280·1	41	..
1425	Stanley, Falkland Is.	51 41	57 51	4	..	..	..	..	..	..	..	..	..	..	..	..	76	+ 9
1426	Cape Pembroke	51 41	57 42	21	..	997·6	− 2·5	284·4	288·0	27th	277·4	274·1	1st, 13th	280·9	+0·6	281·5	..	..
1429	S. Georgia(CumberlandBay)	54 14 S.	36 33 W.	4	991·5	992·0	− 3·5	280·5	285·1	28th	274·5	272·0	1st	277·5	+0·2	*277·0*	92	+ 2

DECEMBER—ZONE 15. Between Latitude 60° S. and 70° S.

1527	South Orkneys	60 44 S.	44 39 W.	6·1	..	989·5	− 5·1	..	277·2	..	..	268·7	..	..	+0·2	272·4	24	+ 1
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Estimates not based on at least six equally-spaced observations each day are in *italics*.

DAILY OBSERVATIONS OF WIND WITHIN THE TROPICS.—DECEMBER 1916.

Date.	St. Helena. 1035. Direction.	St. Helena. 1035. *Mean Velocity for the Day.	Fanning Island. 805.		Sierra Leone. 834.		Entebbe. 844.		Malden Island. 905.	Tulagi. 969.	Ocean Island. 970.		Suva, Fiji. 1072.
			Direction and Force.		Direction and Force.		Direction and Force.		Direction and Force.	Direction and Force.	Direction and Force.		Direction and Force.
	9h.	m/s	9h.	21h.	9h.	17h.	7h.	21h.	9h.	9h.	9h.	21h.	9h.
1	SE	10·0	..	..	Calm 0	W 1	Calm 0	W 2	E 2	SE 2	ENE 5	ENE 4	SE 3
2	SE	6·0	..	..	W 1	Calm 0	W 2	W 3	ENE 3	Calm 0	ESE 3	ESE 2	SE 4
3	SE	6·4	..	..	W 1	Calm 0	W 2	N 2	ESE 2	SE 2	ENE 3	ENE 2	SE 3
4	SSE	7·4	..	..	W 1	Calm 0	W 2	W 2	ESE 3	Calm 0	NE 3	ENE 2	SE 2
5	SE	8·3	..	..	E 1	Calm 0	W 3	SW 3	ESE 3	SE 2	ENE 2	ENE 2	SE 3
6	SE	10·4	..	..	Calm 0	Calm 0	W 3	SW 2	ESE 2	Calm 0	E 2	E 3	SSE 2
7	SE	9·8	..	..	Calm 0	Calm 0	W 2	W 2	ESE 3	SE 2	ENE 3	ENE 3	SE 1
8	SE	5·9	..	..	SE 1	Calm 0	SW 3	W 2	ESE 4	SE 2	NE 3	ENE 2	SE 1
9	SSE	4·5	..	..	Calm 0	Calm 0	W 3	SW 2	ENE 2	SE 2	NE 4	NE 5	NNW 1
10	SSE	9·7	..	..	Calm 0	Calm 0	N 2	W 3	NE 2	SE 2	ENE 5	ENE 3	Calm 1
11	SSE	8·5	..	..	Calm 0	Calm 0	SW 3	SW 3	ENE 3	Calm 0	E 2	E 3	NW 1
12	SE	10·6	..	..	Calm 0	W 1	W 3	W 3	NE 4	SE 2	E 2	E 2	NW 1
13	SE	10·5	..	..	Calm 0	Calm 0	W 3	N 2	E 4	Calm 0	ESE 3	ESE 2	Calm 0
14	SE	7·9	..	..	W 1	Calm 0	SW 3	W 3	E 3	SE 2	E 2	E 2	SE 3
15	SSE	3·3	..	..	W 1	Calm 0	W 2	SW 3	E 4	SE 2	E 2	E 1	N 0
16	Calm	1·9	..	..	W 1	Calm 0	W 2	E 4	ESE 3	SE 2	E 3	E 3	Calm 0
17	Calm	2·7	..	..	Calm 0	Calm 0	W 3	N 3	E 3	SE 2	E 4	E 4	E 0
18	SE	4·2	..	..	Calm 0	Calm 0	W 3	W 3	ESE 3	SE 2	E 4	E 2	Calm 1
19	SE	6·5	..	..	W 1	Calm 0	Calm 0	W 2	E 2	Calm 0	ENE 4	ENE 3	SE 1
20	SE	5·9	..	..	Calm 0	Calm 0	W 2	W 2	E 2	Calm 0	ESE 4	ESE 4	NE 1
21	SE	5·9	..	..	Calm 0	Calm 0	W 2	SW 2	E 3	Calm 0	ENE 3	E 3	SE 1
22	SE	5·0	..	..	W 1	Calm 0	W 2	W 2	ESE 3	Calm 0	E 2	ENE 3	SE 1
23	SSE	5·8	..	..	Calm 0	Calm 0	W 2	W 2	ESE 3	Calm 0	ENE 2	ENE 3	SE 1
24	SSE	4·0	..	..	E 1	Calm 0	SW 2	SW 2	E 3	Calm 0	ENE 3	E 3	N 3
25	SSE	4·2	..	..	Calm 0	Calm 0	W 3	N 2	ESE 2	SE 2	E 3	E 2	SE 3
26	SE	5·7	..	..	E 2	W 1	W 2	S 2	ESE 2	Calm 0	ENE 3	ENE 3	SE 3
27	SE	8·7	..	..	SE 1	Calm 0	W 2	SW 2	ESE 2	Calm 0	E 3	E 2	SE 2
28	SSE	8·5	..	..	E 1	Calm 0	W 2	W 2	E 2	Calm 0	ENE 3	E 2	N 0
29	SE	7·1	..	..	SE 1	Calm 0	Calm 0	W 3	NE 2	Calm 0	E 4	E 3	Calm 3
30	SE	5·6	..	..	Calm 0	Calm 0	W 3	W 3	ENE 2	Calm 0	E 4	E 5	NW 3
31	SE	4·8	..	..	E 1	Calm 0	W 2	N 2	E 2	Calm 0	ENE 5	E 5	NE 1
Mean ..	..	6·6	..	..	0·4	0·1	2·2	2·4	2·6	0·9	3·2	2·8	1·7
†Resultant	140° (92)	..	..		240° (7)		265° (72)		95° (88)	135° (45)	80° (95)		110° (37)
†Normal	144° (91)	7·8	110° (77)		24° (6)		265° (44)		70° (81)	121° (9)	101° (20)		99° (53)

* Velocity of the South-East Trade Wind at 632 metres.
† Direction and "constancy." For explanation see Introduction.

STATE OF ICE IN THE ARCTIC SEAS AND IN THE NORTH ATLANTIC.—DECEMBER 1916.

* *Greenland Sea, Iceland and Denmark Strait.*—The coasts of Iceland and Grimsey were free of ice, which is usual for this month. At the beginning of the month the ice round Angmagsalik was scattered, but from the 9th onwards it was closely packed inshore.

North Atlantic and Labrador.—No bergs were seen on the Newfoundland Banks but a few were sighted in Belle Isle Strait.

* *Davis Strait.*—The ice at Prøven was broken up by a SE gale on the 13th but by the 25th it had frozen again. The rest of the coast was free all the month.

* *Isforholdene i de arktiske Have*, 1916 and 1917, published by the Danish Meteorological Institute

RÉSEAU MONDIAL, YEAR 1916.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE YEAR 1916 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE.

Between Latitude 80° N. and 70° N. YEAR—ZONE 1.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
123	Inglefield Bay	N. 77 20	W. 67 30	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
124	Upernivik	72 47	W56 7	18·9	1008·6	1011·0	+ 0·5	270·3	289·5	Aug. 16	..	..	..	..	+1·6	*266·0*	345	+119
125	Spitsbergen(GreenHarbour)	78 2	E 14 14	11·4	1010·9	1012·4	+ 1·5	..	283·8	July 1	258·6	227·3	Jan. 6	..	−1·4	262·9	289	− 4
126	Gjesvaer	71 6	25 22	6·5	1007·8	1008·6	+ 0·6	..	297·8	July 3	272·7	258·8	Jan. 16	..	+0·1	*274·9*	823	+182
139	Mehavn	71 1	27 47	6·4	1008·3	1009·1	+ 1·1	..	298·2	July 3	271·5	254·5	Jan. 16	..	+0·2	*274·3*	521	−221
140	Vardö	70 22	31 8	10·0	1008·8	1010·1	+ 1·1	..	293·5	July 18	271·3	255·2	Jan. 16	..	−0·1	*273·6*	664	+ 43
141	Malye Karmakouly	72 23	52 43	14·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
142	Waigatz	70 24	58 47	11·2	1010·7	1012·2	+ 2·0	..	289·4	July 31	260·2	233·9	Mar. 20	..	..	*263·6*	172	..
143		N.	E.															

Between Latitude 70° N. and 60° N. YEAR—ZONE 2.

147	Nome	N. 64 31	W. 165 24	4·6	1010·5	1011·1	+ 1·4	..	293·0	July, Aug.	265·2	237·4	Dec.	..	..	..	..	..
148	Candle	65 55	161 57	2·4	..	..	..	271·8	300·8	July 31	262·1	229·7	Jan. 21, Dec. 6	266·9	..	..	..	..
203	Tanana	65 8	152 0	73·8	1003·7	1013·2	+ 1·1	273·3	304·7	June	262·1	219·1	Jan.	267·7	−0·1	..	451	+141
204	Rampart	65 30	150 15	122	..	..	..	..	?309·1	June 26	..	221·3	{Jan. 20, 21, Dec. 4}	..	..	..	294	+ 41
205	Valdez	61 7	146 16	8·2	1009·7	1010·7	+ 0·5	278·3	295·8	June	270·2	245·2	Jan.	274·2	−0·8	..	1701	+356
206	Eagle	64 46	141 12	248	983·6	1015·0	+ 4·1	274·8	304·7	June	262·4	218·0	Jan.	268·6	+0·4	..	294	+ 23
207	Dawson	64 4	139 20	328	972·1	1013·3	− 0·9	273·4	305·2	June 22	262·6	223·0	Jan. 22	268·0	+0·2	..	280	− 76
208	Carcross	60 11	134 34	662	..	..	..	276·6	303·0	June 26	265·0	229·7	Jan. 23, 25	270·8	−0·6	..	105	−124
209	Fort Good Hope	66 15	128 53	65·2	1008·1	1016·6	..	271·8	304·7	June 22, 30	259·6	217·4	Jan. 9	265·7	..	..	247	..
210	Fort Simpson	61 52	121 35	129	997·9	1014·2	..	274·7	305·2	July 1, Aug. 12	263·0	228·6	Feb. 10, Dec. 27	268·8	+1·6	*269·2*	386	+ 39
211	Hay River	60 51	115 20	161	993·2	1013·9	..	273·6	304·1	July 1	263·6	226·9	Jan. 10	268·6	−0·1	..	157	..
212	Jacobshavn	69 13	51 2	12·6	1007·5	1009·0	− 0·7	..	292·0	Aug. 15, 16	..	..	..	..	..	..	387	+162
213	Godthaab	64 11	51 44	9·0	1003·6	1004·7	− 1·1	..	290·9	Aug. 24	270·2	256·6	Jan. 30	..	+2·2	*273·2*	327	−278
214	Ivigtut	61 12	48 10	5·0	1005·2	1005·8	+ 0·6	..	..	..	271·7	254·5	Jan. 30, Feb. 1	..	+2·0	*275·7*	1086	− 54
215	Angmagsalik	65 37	37 34	31·7	1004·2	1008·2	+ 1·1	276·5	298·3	June 19	267·9	250·0	Dec. 29	272·2	+0·7	*272·0*	689	−255
231	Stykkisholm	65 5	22 46	11·3	1005·9	1007·3	+ 1·1	279·2	293·5	Aug. 12	273·7	258·5	Dec. 22	276·5	+0·6	*276·4*	399	−251
232	Vestmanno	63 26	20 15	7·7	1004·2	1005·1	− 0·8	280·7	292·0	June 29	275·0	262·2	Dec. 22, 23	277·9	+0·1	*278·3*	1173	−179
233	Grimsey	66 33	17 58	22·0	..	..	..	277·8	292·2	July 15	273·0	256·7	Mar. 24	275·4	+0·7	*275·3*	88	−193
233a	Akureyri	65 40	18 4	6·8	1006·7	1007·5	0·0	..	..	..	..	..	..	..	..	..	..	..
234	Berufjord	64 40	14 19	18·0	1004·0	1006·2	− 1·0	279·8	295·4	June 13	273·2	259·9	Mar. 25	276·5	+0·6	*276·7*	1137	− 27
235	Thorshavn	62 3	6 45	25·7	1003·0	1006·1	− 2·5	281·5	289·4	July 18	276·5	266·4	Mar. 28	279·0	−0·3	*279·0*	1502	+ 28
236	Lerwick	60 9	W 1 8	18·0	1005·1	1007·3	− 2·0	282·1	291·3	July 27	278·1	269·7	Mar. 2, 29	280·1	0·0	*279·9*	1458	+494
237	Bergen (Met. Obs.)	60 24	E 5 19	44·4	1002·4	1007·8	− 3·7	..	298·5	June 24	277·6	266·2	Mar. 14	..	0·0	*280·1*	1891	−160
238	Christiansund	63 7	7 45	17·8	1005·1	1007·2	− 3·1	..	296·0	June 30	277·5	267·3	Mar. 5	..	+0·4	*279·9*	1085	− 46
239	Trondhjem	63 26	10 25	39·5	1003·5	1008·4	− 2·2	..	299·7	July 8	275·0	258·2	Dec. 28	..	+0·4	*278·2*	654	−308
240	Bodö	67 17	14 24	22·4	1005·2	1007·9	− 1·2	..	299·4	July 7	274·8	260·0	Mar. 23	..	+0·4	*277·5*	711	−264
241	Haparanda	65 50	24 9	9·2	1009·5	1010·7	− 0·4	277·9	305·0	July 8	270·2	243·0	Mar. 22	274·1	+0·8	*274·1*	485	+ 17
242	Helsingfors	60 10	24 57	12·0	1009·8	1011·2	− 1·9	280·0	301·4	July 21	274·8	248·5	Jan. 15	277·4	+0·1	*277·5*	778	+167
242a	Kuopio	62 54	27 40	90·3	999·6	1011·0	− 1·7	279·0	302·6	July 9	272·1	238·0	Jan. 14	275·5	+0·5	*275·9*	590	+ 13
243	Kola	68 53	33 1	6·7	1010·3	1011·2	+ 1·3	275·5	301·8	July 5	267·7	238·9	Dec. 25	271·6	−0·4	*271·9*	310	+ 10
244	Petrozavodsk	61 47	34 23	38·9	..	..	..	..	300·4	July 21	..	..	..	..	..	..	..	..
245	Arkhangelsk	64 35	40 36	5·8	1011·6	1012·3	+ 0·4	277·7	301·7	July 6	270·6	241·0	Mar. 21	274·2	+0·8	*274·1*	553	+126
246	Mezen	65 50	44 16	12·6	1010·4	1012·0	+ 0·9	276·0	301·1	July 7	268·3	239·2	Mar. 21	272·2	+0·9	*272·3*	467	+175
247	Oust-Tsylma	65 25	52 14	? 70	1004·7	1013·6	+ 0·1	274·9	299·9	July 8	267·0	233·0	Mar. 22	271·0	+0·2	*270·8*	460	..
248	Tcherdyn	60 24	56 31	?177	994·3	1016·4	+ 1·7	..	303·5	July 21	269·7	237·1	Nov. 22	..	+1·1	*273·5*	696	+167
249	Berezov	63 56	65 4	39·9	1010·6	1015·8	+ 1·9	..	300·4	July 21	264·2	224·5	Jan. 4	..	+0·3	*268·7*	415	+ 62
250	Obdorsk	66 31	66 35	23·7	1011·6	1014·6	+ 1·8	..	294·9	June 19	261·3	227·0	Jan. 4	..	−0·5	*265·3*	323	+ 69
251	Sourgout	61 15	73 24	? 40	1011·6	1016·7	+ 1·6	..	305·0	June 20	263·7	224·5	Jan. 5	..	−0·4	*269·2*	410	0
252	Doudinka	69 23	86 4	20	1010·3	1012·9	+ 0·2	..	297·8	Aug. 1	257·5	223·2	Jan. 1	..	..	*261·4*	290	..
253	Touroukhansk	65 47	87 57	45	1011·0	1016·8	+ 2·3	..	302·0	July 30	259·2	212·7	Dec. 4	..	−0·9	*264·4*	528	+181
254	Olekminsk	60 22	120 26	155	..	..	..	..	305·0	July 22	..	..	..	..	..	..	224	− 16
261	Iakoutsk	62 1	129 43	108	1003·6	1017·9	+ 0·4	..	302·6	July 23	256·9	211·9	Feb. 3	..	+0·7	*262·8*	215	− 22
262	Verkholiansk	67 33	133 23	100	1000·2	1013·5	+ 0·1	..	300·4	July 17	250·9	212·9	Jan 13	..	+1·1	*257·7*	91	− 39
263	Oust-Maiskoe	60 25	134 29	?100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
264	Markovo-sur-Anadyr	64 45	170 50	25·0	1012·8	1016·1	+ 2·5	266·0	295·7	July 24	256·3	222·7	Jan. 16	261·1	−1·8	..	224	+ 34
271	Novo-Mariinskii Post	64 45	177 33	5·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
272		N. ° ′	E. ° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Estimates not based on at least six equally-spaced observations each day are in *italics*.

YEAR—ZONE 3. Table representing the Meteorology of the Globe between Latitude 60° N. and 50° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′	° ′															
		N.	W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
303	Dutch Harbor	53 54	166 32	4·0	..	..	..	279·3	293·0	July	273·5	259·1	Feb.	276·4	−0·9	..	1041	−519
304																		
305	Kodiak	57 47	152 22	1·8	1007·4	1007·6	+ 1·4	280·7	297·4	July, Aug.	275·0	252·4	Dec.	277·8	..	..	1270	−163
306																		
309	Sitka	57 4	135 20	27·4	1008·6	1011·9	+ 0·5	282·4	298·6	June	275·6	253·0	Jan.	279·0	−0·5	..	2141	+ 72
310	Prince Rupert	54 18	130 18	51·8	1006·1	1012·5	− 0·5	282·5	303·0	Aug. 25	276·1	251·9	Jan. 23	279·3	−1·2	..	2408	−170
311	Barkerville	53 2	121 35	1274	868·3	..	..	278·0	297·4	Aug. 28	267·6	233·0	Jan. 13	272·8	−2·3	*272·8*	911	+ 32
312	Kamloops	50 42	120 29	385	973·7	1020·5	+ 1·6	284·5	308·0	June 17	273·5	239·7	Jan. 11	279·0	−2·6	*278·9*	251	− 28
313	Calgary	51 2	114 2	1045	893·2	..	..	282·7	303·6	July 9	269·3	232·4	Jan. 27	276·0	−0·2	*276·1*	353	− 56
314	Fort Chipewyan	58 42	111 10	218	..	..	..	..	?303·0	July 3	..	?225·8	Jan. 11	..	..	..	..	..
315	Prince Albert	53 10	106 0	442	960·6	1014·8	+ 0·2	279·0	303·0	July 16	267·1	223·0	Jan. 12	273·1	+0·1	*273·3*	495	+ 96
316	Qu'Appelle	50 30	103 47	645	936·5	1014·3	− 0·6	278·7	304·7	Aug. 1	267·5	229·7	Jan. 12	273·1	−1·3	272·5	675	+ 231
317	Minnedosa	50 15	99 50	515	952·5	1015·4	− 0·6	278·8	305·8	Aug. 18	267·3	233·0	Jan. 12	273·1	−1·1	*272·8*	521	+ 91
318	Berens River	52 18	97 23	216	..	..	..	277·9	310·8	July 27	265·5	230·2	{Jan. 13 / Feb. 13}	271·7	−0·9	*271·4*	487	+ 71
318a	Port Nelson	57 4	92 36	14·9	1010·5	1012·4	..	270·7	305·2	July 4, 5	260·8	230·2	Jan. 12, 13	265·8	..	..	385	..
319	Fort Hope	51 33	87 49	335	..	..	..	..	..	..	..	..	..	..	..	..	..	..
320	Moose Factory	51 14	80 30	9·1	1012·0	1013·2	− 2·7	277·8	308·0	July 20	266·1	228·6	Feb. 12	272·0	−0·4	..	..	..
321	Fort George	53 50	79 5	?	..	..	..	274·1	305·2	July 19	265·1	230·8	Feb. 18	269·6	..	..	..	..
322	Mistassini Post	50 15	73 55	383	..	..	..	277·7	304·1	July 20, 21	266·4	230·2	Feb. 12	272·1	..	..	873	..
323	Hebron	58 12	62 21	15·0	1009·5	1011·4	+ 1·8	..	..	..	267·0	242·6	Jan., Feb.	..	..	*269·7*	..	..
324	Natashquan	50 8	61 48	?	..	..	..	278·3	296·9	July 18	268·9	236·9	Feb. 13	273·6	..	..	1002	..
325																		
326	Belle Isle	51 23	55 23	133	..	..	..	..	..	..	..	..	..	..	..	..	..	..
334	Cahirciveen (Valencia Obs.)	51 56	10 15	13·7	1010·5	1012·1	− 1·6	285·7	298·0	Aug. 4	280·8	270·2	Dec. 17	283·3	−0·1	283·3	1429	+ 15
335	Aberdeen	57 10	2 6	26·8	1005·3	1008·5	− 2·9	283·3	297·4	July 29	278·3	269·7	{Feb. 20 / Dec. 20}	280·8	−0·1	280·8	904	+159
336	Greenwich	51 28	W 0 0	48·5	1006·6	1012·6	− 2·5	287·1	301·9	{July 31 / Aug. 1}	278·8	268·0	Dec. 19	282·9	−0·2	282·7	757	+164
337	Uccle	50 48	E 4 22	100	1000·4	1012·6	− 3·1	286·6	302·9	June 23	278·7	267·7	Jan. 23	282·7	+0·1	282·6	1054	+245
338	De Bilt	52 6	5 11	3·0	1011·8	1012·2	− 2·8	286·3	303·1	May 6	278·6	268·8	{Feb. 21 / Mar. 6}	282·5	+0·3	282·2	894	+146
338a	Hamburg	53 33	9 58	40	1007·0	1011·9	− 2·7	285·0	299·5	May 5	279·2	268·0	Feb. 27	282·1	+0·2	*281·8*	1069	+346
339	Copenhagen	55 41	12 36	5·0	1010·3	1010·9	− 2·8	283·3	297·6	July 28	278·9	266·3	Mar. 23	281·1	+0·9	*281·2*	671	+111
340	Potsdam	52 23	13 4	84·9	1002·5	1012·9	− 2·4	286·1	302·5	June 24	278·2	265·3	Feb. 22	282·1	+0·4	281·7	653	+ 70
340a	Upsala	59 51	17 38	24·0	1007·6	1010·5	− 1·8	281·8	303·1	July 27	274·1	250·2	Jan. 17	277·9	+0·3	278·1	636	+ 66
341	Warsaw	52 13	21 1	133	998·2	1014·3	− 1·5	285·2	303·6	Aug. 18	278·1	264·9	Jan. 15	281·7	+0·9	281·5	687	+125
342	Jurjev	58 23	26 43	74·5	1003·0	1012·3	− 1·2	281·4	302·2	July 19	274·5	246·2	Jan. 15	278·0	+0·2	277·7	665	+123
343	Petrograd	59 56	30 16	4·8	1011·6	1012·2	− 1·2	280·5	303·0	June 11	274·6	246·5	Jan. 14	277·6	+0·7	*277·5*	675	+186
344	Kiev	50 27	30 30	183	994·0	1016·4	0·0	284·3	304·9	July 5	277·1	256·0	Jan. 19	280·7	+0·4	*280·3*	828	+269
344a	Moscow	55 50	37 33	167	995·2	1015·9	− 0·2	280·7	301·8	June 10	273·0	249·6	Jan. 14	276·8	−0·1	*276·8*	618	+ 52
345	Saratov	51 32	46 3	59·9	..	..	..	..	305·5	June 9	..	?249·4	Jan. 4	..	−0·5	*278·2*	587	+ 206
346	Kazan	55 47	49 8	79·9	1008·7	1018·7	+ 2·7	280·8	305·5	June 11	272·5	240·7	Jan. 1	276·6	+0·2	*276·4*	484	+ 73
347	Orenburg	51 45	55 6	109	1007·4	1021·1	+ 3·0	282·1	308·5	May 24	271·5	241·3	Feb. 26	276·8	+0·4	*276·7*	260	+ 126
348	Perm	58 1	56 16	163	997·4	1017·8	+ 2·3	278·8	305·1	May 24	270·7	234·1	Jan. 4	274·8	+0·3	*274·5*	730	+ 140
349	Ekaterinburg	56 49	60 38	281	983·4	1018·2	+ 1·1	279·0	305·9	May 24	270·3	240·2	Dec. 4	274·6	+0·9	*274·5*	477	+ 65
350	Tobolsk	58 12	68 14	108	1005·2	1019·0	+ 2·2	..	..	..	268·9	233·3	Jan. 4	..	+0·6	*273·2*	495	− 7
351	Akmolinsk	51 12	71 23	?347	978·4	1021·2	+ 0·3	..	..	..	268·5	238·9	Jan. 6	..	+0·3	*274·6*	278	− 4
352	Omsk	54 58	73 23	87·9	1008·8	1020·0	+ 1·3	278·9	308·3	June 19	..	..	..	..	+0·4	*273·3*	315	+ 53
353	Barnaoul	53 20	83 48	162	1001·9	1022·3	+ 1·1	..	308·3	May 26	267·4	230·6	Dec. 28	..	+0·2	*273·8*	375	+ 10
354	Tomsk	56 30	84 58	122	1004·8	1020·4	+ 1·4	..	306·1	May 27	266·4	227·6	Dec. 16	..	−0·5	*271·5*	547	− 28
355	Minousinsk	53 43	91 41	249	991·1	1022·3	+ 0·5	..	305·4	July 28	..	..	..	..	..	*272·1*	267	− 31
356	Eniseisk	58 27	92 10	77·6	1009·9	1019·9	+ 0·9	..	302·8	May 28	263·8	217·0	Jan. 2	..	−1·4	*269·7*	396	− 56
357	Irkutsk	52 16	104 19	497	963·8	1021·6	+ 0·3	..	303·9	July 21	264·1	226·7	Dec. 22	..	−1·4	*270·7*	292	..
358	Kirensk	57 47	108 7	263	..	..	..	..	303·7	July 21	..	..	..	..	..	..	..	+ 166
359	Tchita	52 2	113 30	687	934·2	1018·2	− 0·5	..	303·6	July 22	263·0	225·2	Dec. 31	..	−0·4	*269·5*	484	− 178
360	Blagoveshchensk Priisk	58 10	114 19	490	958·2	1019·9	− 0·1	..	305·7	July 22	259·5	217·7	Dec. 19, 21	..	..	*265·1*	407	..
360a	Nertchinskii Zavod	51 19	119 37	626	940·8	1017·8	− 0·3	..	302·8	Aug. 12	263·0	226·2	Dec. 22	..	−0·2	*269·0*	223	..
361	Tygan Ourkan	54 5	124 46	379	968·6	1016·0	..	276·2	304·3	July 4	261·4	222·5	Dec. 19	268·8	..	*269·1*	561	..
362	Blagoveshchensk (Bureau Météor.)	50 16	127 30	142	996·8	1014·7	+ 0·5	278·4	304·9	Aug. 14	267·6	233·2	Dec. 21	273·0	+0·3	*272·8*	516	+ 9
363	Paikanskii Sklad	50 11	130 7	145	995·6	1014·0	..	278·0	304·6	Aug. 14	262·5	224·8	Dec. 21	270·2	..	*270·2*	526	..
364																		
365	Nikolaevsk-sur-Amour	53 8	140 45	21·2	1009·8	1012·4	+ 0·9	..	304·0	July 13	266·3	230·3	Jan. 3	..	+0·7	*271·2*	446	+ 57
366	Okhotsk	59 21	143 12	6·0	1012·4	1013·2	− 0·1	270·6	298·8	Aug. 16	263·6	233·8	Jan. 16	267·1	−0·5	*267·0*	351	..
367																		
368	Petropavlovsk (Radio)	53 0	158 39	13·5	1007·9	1009·6	+ 2·3	278·4	298·8	July 16	270·6	239·1	Jan. 15	274·5	..	*274·3*	1345	..
369																		
		° ′	° ′															
		N.	E.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Estimates not based on at least six equally-spaced observations each day are in *italics*.

Table representing the Meteorology of the Globe between Latitude 50° N. and 40° N. YEAR—ZONE 4.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′	° ′															
		N.	W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
411	Victoria, B.C.	48 24	123 19	70·1	1008·2	1016·8	+ 0·4	284·7	303·0	Aug. 23	278·2	263·6	Jan. 11	281·5	−0·9	281·2	748	− 79
412	Portland, Oregon	45 32	122 41	46·6	1012·3	1017·7	+ 0·2	288·1	308·6	Aug. 24	279·6	262·4	Jan. 12	283·8	−0·7	*283·6*	1162	+ 45
413	Macleod	..	..	140	..	..	..	282·3	306·3	{July 13, 17 / Aug. 1}	269·8	230·8	Jan. 26	276·1	−2·0	..	621	+262
414	Helena	49 44	113 24	954	..	..	..	283·6	306·9	July 12	271·7	237·4	Jan. 29	277·7	−1·9	*277·4*	480	+133
414a	Salt Lake City	46 34	112 4	1253	873·2	1017·1	+ 0·6	288·9	310·2	July 20	278·2	256·3	Dec. 28	283·6	−0·2	*283·8*	497	− 6
415	Cheyenne	40 46	111 54	1329	867·1	1015·2	− 0·3	285·9	304·1	June 28, July 2	272·7	243·6	Nov. 13	279·3	−0·6	*279·6*	283	− 68
416	North Platte	41 8	104 48	2856	811·9	1015·1	+ 0·2	289·4	310·8	July 15	274·6	243·0	Jan. 13	282·0	−0·4	*281·6*	331	−145
416a	Bismarck	41 8	100 45	859	917·0	1017·1	+ 1·1	282·9	309·1	Aug. 16	270·1	230·2	Jan. 13	276·5	−1·0	*276·4*	436	− 5
417	Winnipeg	46 47	100 38	511	955·7	1017·4	+ 0·7	280·5	308·0	July 28	268·9	232·4	Jan. 12	274·2	−0·1	274·2	614	+ 80
418	Duluth	49 53	97 7	232	986·6	1015·4	− 0·8	279·5	308·6	July 29	270·5	236·9	Jan. 13	275·4	−1·0	*275·2*	747	+ 50
419	Port Arthur	46 47	92 6	345	973·7	1015·9	− 0·3	280·3	308·6	July 29	270·5	236·9	Jan. 13	275·4	−1·0	*275·2*	747	+ 50
420	Chicago	48 27	89 12	196	990·6	1014·9	− 1·1	280·5	310·2	July 29	269·8	240·2	Jan. 13	275·1	+0·2	*275·1*	703	+114
421	Toronto	41 53	87 37	251	986·3	1016·6	− 0·3	287·1	311·9	July 30	270·2	251·9	Jan. 13	283·1	+0·7	*283·1*	866	+ 27
422	New York (Central Park)	43 40	79 24	116	1001·7	1016·0	− 0·4	285·7	310·8	July 30	270·2	250·2	Feb. 21	281·0	+1·1	280·6	789	− 61
		40 46	73 58	30·2	1012·8	1016·5	− 0·6	288·3	308·0	Aug. 22	280·1	256·3	Feb. 14	284·2	−0·2	284·1	963	−142
423	St. John, N.B.	45 17	66 4	36·2	..	1013·6	− 0·9	281·9	299·7	{Aug. 6, 22 / Sept. 14}	273·8	248·6	Feb. 21	277·9	−0·2	277·6	944	−276
424	S.W. Point, Anticosti	49 24	63 33	9·1	1010·7	1011·8	+ 0·1	278·7	299·1	July 14	271·0	233·0	Jan. 15, 24	274·8	+0·1	..	762	+ 26
424a	Sable Island (Main Station)	43 57	60 6	7·6	1013·4	1014·3	− 0·8	282·2	295·8	{Aug. 24, 25, 28 / Sept. 2}	277·3	258·6	Feb. 21	279·7	−0·5	..	1195	−139
425	Port aux Basques	47 35	59 10	9·1	1010·7	1011·8	− 1·0	279·9	297·4	July 21, Aug. 8	273·9	253·0	Feb. 12, 13, 21	276·9	+0·4	..	1329	− 62
426	St. John's, Newfoundland	47 34	52 42	38·1	1004·9	1009·6	− 1·9	281·6	301·9	July 21	274·5	249·7	Feb. 15, 16	278·1	+0·3	..	1194	−194
435	Madrid	40 24	3 41	655	940·4	1016·2	− 1·2	294·2	312·4	July 26	279·5	266·9	Mar. 7	286·8	0·0	286·4	362	− 59
436	Nantes	47 15	W 1 34	36·5	1010·1	1014·5	− 2·2	288·5	306·0	Aug. 2	280·3	270·9	Mar. 9	284·4	0·0	284·2	935	+205
437	Paris (Parc St. Maur)	48 49	E 2 29	50·3	1008·1	1014·2	− 2·5	288·1	304·3	Aug. 2	270·1	267·2	Mar. 8	283·6	+0·3	283·4	705	+143
438	Marseilles	43 18	5 23	74·8	1004·4	1013·4	− 1·6	292·5	308·1	Aug. 3	282·1	270·5	Jan. 11	287·3	0·0	286·8	531	− 37
438a	Zürich	47 23	8 33	493	957·3	1016·0	− 2·0	287·1	303·7	Aug. 2	278·3	265·3	Mar. 8	282·7	+0·5	282·0	1229	+109
439	Rome	41 54	12 28	50·6	1008·0	1013·7	− 2·1	286·7	303·7	July 5	280·0	267·4	Feb. 22	283·3	+1·1	283·2	871	+248
440	Vienna	48 15	16 22	203	989·5	1014·4	− 1·7	289·3	307·2	July 4	280·2	267·5	Feb. 22	284·7	+1·4	*284·3*	675	+ 37
440a	Buda-Pesth	47 31	19 1	130	999·3	1014·9	− 1·7	..	..	..	..	..	..	..	..	..	..	..
441	Monastir	41 1	21 23	617	..	..	..	..	..	..	..	..	..	..	..	..	..	..
442	Bucharest	44 25	26 6	82	1005·9	1015·8	− 1·0	290·4	313·6	July 11	279·8	265·5	Jan. 20	285·1	+1·1	284·7	595	+ 12
443	Odessa (University)	46 29	30 44	65·3	1008·8	1016·8	− 0·1	287·1	303·7	June 20	280·8	263·6	Jan. 19	284·0	+0·9	*283·7*	316	− 78
444	Kharkov (University)	50 0	36 14	140	1000·4	1017·7	− 0·2	284·1	304·0	Aug. 20	275·6	253·1	Jan. 20	279·8	+0·1	*279·6*	552	+ 51
444a	Novorossiisk	44 44	37 49	37·1	1011·8	1016·2	− 0·1	290·5	305·2	July 7	282·3	264·1	Jan. 20	286·4	+0·6	*286·1*	655	− 34
445	Tiflis	41 43	44 48	404	970·2	1017·8	− 0·1	291·9	309·8	July 27	281·5	265·4	Jan. 24	286·7	+0·4	*286·1*	494	− 4
446	Astrakhan	46 21	48 2	−13·8	1021·5	1019·8	+ 1·8	286·9	307·0	July, 23, 24	278·3	253·7	Dec. 10	282·6	0·0	*282·4*	118	− 38
447	Fort Alexandrovsk	44 30	50 16	24	1014·8	1017·7	− 0·2	..	310·4	July 19	280·2	260·3	Jan. 2	..	0·0	*283·8*	165	+ 24
448	Krasnovodsk	40 0	52 59	−14·6	1018·6	1016·8	− 0·3	293·6	316·1	July 20	284·7	261·9	Feb. 23	289·2	+0·1	*288·8*	90	− 62
449	Aralskoe More	46 47	61 42	57·0	1014·2	1021·2	+ 1·3	285·1	311·5	Aug. 9	273·7	245·9	Jan. 6	279·4	+0·2	*279·5*	70	..
450	Tachkent	41 20	69 18	479	960·8	1017·1	− 0·2	293·8	314·3	July 31	279·8	254·9	Jan. 3	286·8	0·0	*286·1*	193	−165
452	Narynskoe	41 26	76 0	?2015	795·8	..	..	..	..	..	269·6	240·5	Dec. 30	..	+0·8	*276·3*	172	..
452	Verniyi	43 16	76 53	? 825	921·9	1018·1	− 0·2	287·8	313·3	July 31	270·3	241·8	Feb. 23	282·0	..	*281·4*	560	..
461	Mukden	41 48	123 23	43·8	1011·7	1017·1	+ 0·5	286·4	308·6	June 17, July 26	274·4	244·0	Dec. 24	280·4	+0·1	279·9	547	−103
463	Joshin	40 40	129 11	4·0	1015·2	1015·7	+ 0·9	286·0	301·9	July 22	277·3	251·8	Dec. 26	281·7	+0·3	281·3	697	− 4
464	Yuki	42 20	130 24	65·6	1008·1	1016·3	..	283·4	302·9	Aug. 27	275·3	249·4	Dec. 26	279·3	..	279·2	649	..
464a	Vladivostok	43 7	131 55	28·8	1012·8	1016·3	+ 0·5	282·6	304·6	Aug. 16	274·4	247·3	Dec. 27	278·5	+0·3	278·0	735	+165
465	Ochiai	47 20	142 44	6·6	1011·4	1012·2	− 0·1	281·3	304·2	Aug. 1	270·0	238·0	Jan. 6	275·7	+1·8	276·0	756	−130
466	Nemuro	43 20	145 35	26·7	1010·2	1013·5	+ 1·0	283·0	301·0	Aug. 8, Sept. 1	276·4	258·2	Jan. 5	279·7	+1·0	279·6	857	− 29
466a	Syana	45 14	147 53	39·3	1007·8	1012·6	+ 0·5	282·0	300·7	Aug. 1	274·7	254·5	Feb. 29	278·3	+1·2	278·4	674	−317
		N.	E.															

Between Latitude 40° N. and 30° N. YEAR—ZONE 5 (Western Half).

511	San Francisco	37 48	122 26	47·2	1011·1	1016·9	0·0	290·1	303·6	Sept. 27	282·5	275·8	Jan. 27, Dec. 28	286·3	−0·1	*285·6*	714	+151
512	San Luis Obispo	35 18	120 39	61·3	1009·9	1017·4	+ 0·6	293·2	308·6	Sept. 13	280·8	271·3	Jan. 12, Dec. 18	287·0	−0·7	*286·3*	924	+371
513	San Diego	32 43	117 10	26·5	1012·2	1015·3	+ 0·2	291·7	301·9	Aug. 1	285·0	275·2	Jan. 12	288·3	−0·9	*288·0*	293	+ 40
514	Modena	37 48	113 54	1670	833·2	1014·5	− 0·2	289·7	306·3	July 6	272·9	241·9	Dec. 27	281·3	−0·4	*281·1*	423	+140
515	Santa Fé	35 41	105 57	2138	787·5	1013·7	0·0	288·8	305·2	July 4	276·6	254·1	Feb. 1	282·7	+0·2	*282·5*	418	+ 59
516	Denver	39 45	105 0	1613	836·6	1015·1	+ 0·5	289·5	308·6	June 29, July 2	275·6	248·6	Jan. 12	282·5	−0·3	*282·6*	311	− 53
517	Abilene	32 23	99 40	530	954·1	1015·0	− 0·4	298·2	312·4	July 19	284·2	260·2	Jan. 13	291·2	+0·5	*290·7*	463	−146
518	Saint Louis	38 38	90 12	173	996·0	1016·7	− 0·5	291·6	310·2	July 31	281·7	253·0	Jan. 13	286·7	+0·3	*286·5*	1061	+106
519	Mobile	30 41	88 2	17·4	1015·4	1017·4	− 0·2	297·5	308·6	May 27	288·2	268·0	Feb. 3	292·8	+0·5	*292·4*	1818	+239
520	Nashville	36 10	86 47	166	998·6	1018·5	+ 0·4	293·6	306·9	{June 30, Aug 20}	282·4	256·3	Dec. 19	288·0	−0·1	*288·1*	1096	−102
521	Charleston	32 47	79 56	14·6	1016·2	1017·9	− 0·3	296·2	309·1	Aug. 13	287·9	267·4	Feb. 15	292·1	+0·5	*292·2*	1080	−167
522	Washington	38 54	77 3	34·1	1013·3	1017·4	− 0·4	291·0	309·1	Aug. 22	280·5	258·6	Feb. 15	285·8	−0·1	*285·5*	971	−111
524	Bermuda	32 18	64 46	46·0	1013·1	1018·5	+ 0·4	296·4	303·3	Sept. 6	290·4	280·1	Mar. 5	293·4	−0·8	*293·3*	788	−625
530	Santa Cruz (Flores)	39 27	31 9	28	1017·8	1020·9	− 1·1	293·2	299·7	Aug. 24	287·6	279·8	Jan. 23	290·4	0·0	*290·4*	1758	+146
531	Horta	38 32	28 38	63	1013·5	1020·7	− 0·1	292·8	301·3	July 29, Aug. 14	288·5	280·7	Mar. 16	290·6	−0·1	*290·5*	1078	− 76
532a	Ponta Delgada	37 44	25 40	22	1010·0	1020·8	− 0·3	292·7	298·9	Aug. 16	288·7	281·1	Feb. 22	290·7	+0·4	290·7	..	..
533	Faja da Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	1276	− 77
534	Madeira (Funchal)	32 37	16 54	25	1017·3	1020·2	+ 0·6	293·5	302·4	Oct. 13	288·9	283·0	Feb. 23, Mar. 11	291·2	−0·3	*291·2*	673	− 16
535	Lisbon	38 43	9 9	95	1005·8	1017·2	− 0·6	292·6	308·1	Aug. 1	285·9	277·2	Jan. 14, 15	289·3	+0·3	*288·9*	610	−145
536	Gibraltar	36 6	5 21	16·2	1015·3	1017·2	+ 0·6	293·8	304·1	Aug. 5, 13	286·8	278·6	Jan. 12, 13, 14	290·3	−0·5	*290·2*	939	+ 29
536a	Melilla	35 18	2 59	8	1020·3	1021·3	+ 2·3	296·7	309·2	Aug. 24	285·8	276·6	Jan. 13	291·2	−1·2	*292·7*	462	− 32
		N.	W.															
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Estimates not based on at least six equally-spaced observations each day are in *italics*.

YEAR—ZONE 5 (Eastern Half).

Table representing the Meteorology of the Globe between Latitude 40° N. and 30° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ N.	° ′ E.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
537	Palma	39 34	2 38	23	1012·3	1015·0	− 1·7	294·2	306·4	July 27	286·3	274·8	Mar. 8	290·2	−0·2	..	441	− 43
538	Algiers (Bouzaréah)	36 48	3 2	344	975·4	1015·7	− 1·1	292·7	315·9	July 9	286·3	275·9	Feb. 10	289·5	+0·1	289·0	985	+320
539	Tunis	36 48	10 10	33	..	..	..	296·2	321·0	July 4	285·7	273·8	Nov. 24	290·9	−0·1	*290·6	471	+ 53
539a	Malta	35 53	14 30	56·4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
540	Riposto	37 41	15 14	14·2	..	1015·3	− 1·3	295·1	308·8	June 27, July 12	289·9	280·9	Feb. 11	292·5	+1·1	*291·8	489	+ 29
541	Athens	37 58	23 43	107	1002·0	1014·7	+ 0·1	294·1	307·4	July 11	287·9	280·2	Jan. 17, Feb. 18	291·0	−0·5	*290·2	468	− 86
542	Alexandria	31 12	29 53	32·0	1010·4	1014·2	− 0·7	298·8	313·4	May 29	291·0	279·5	Jan. 25	294·9	+1·0	*293·7	199	− 5
543	Cairo (Helwan)	29 52	31 20	116	999·5	1012·8	− 1·0	301·9	319·0	May 17	289·1	276·5	Jan. 28	295·5	+0·9	295·1	61	+ 36
544	Nicosia (P.W.D.)	35 9	33 22	159	993·6	1011·9	− 0·8	299·3	315·8	June 22, 23	285·8	272·4	Feb. 3	292·6	+0·9	..	471	+ 65
544a	Beirut	33 54	35 28	33·7	..	1012·0	0·0	297·5	314·7	May 18	290·9	277·4	Jan. 27	294·2	+0·7	..	832	..
545	Baghdad	33 21	44 28	38·7	..	..	..	..	..	..	..	..	..	..	..	..	215	+ 53
546	Busrah	30 31	47 53	7·6	..	..	..	303·5	317·9	July 16	289·8	272·5	Jan. 16	296·7	−0·1	..	215	− 36
546a	Lenkoran	38 46	48 51	−19·3	1019·9	1017·6	+ 0·5	..	307·3	Aug. 9	284·1	270·0	Jan. 21	..	+0·1	287·6	1027	..
547	Teheran	35 41	51 25	1220	..	..	..	..	..	..	..	265·8	Feb. 1, 2	..	..	..	215	− 23
548	Meshed	36 16	59 35	946	..	..	..	294·4	311·6	Aug. 10	278·0	260·5	Feb. 2	286·2	−0·4	..	..	..
549	Seistan	31 0	61 30	?	..	..	..	..	316·0	July 28	..	..	..	..	..	..	..	..
550	Quetta	30 11	67 3	1677	832·0	..	− 0·6	296·2	310·1	July 29, 30	279·1	261·7	Nov. 25	287·6	−0·3	*287·4	221	− 49
551	Peshawar	34 2	71 37	339	970·8	1009·8	− 1·0	303·2	320·1	June 8	288·3	272·6	Dec. 24	295·7	+0·3	*295·1	501	+103
551a	Lahore	31 34	74 20	214	983·8	1008·4	− 0·4	304·4	317·5	June 7	290·2	274·2	Jan. 4	297·3	−0·2	296·7	632	+141
552	Simla	31 7	77 8	2205	780·4	..	0·0	289·0	299·4	May 23	283·2	266·1	Feb. 7	286·1	+0·2	*285·9	1463	+ 2
552a	Leh	34 10	77 42	3503	666·0	..	− 0·1	286·9	302·1	July 8	272·3	256·0	Feb. 8	279·6	+0·8	*278·7	85	..
559	Hang Kow	30 35	114 17	37·0	1013·0	1017·4	+ 0·3	293·4	309·2	Aug. 18	285·7	266·3	Jan. 23	289·5	−0·5	*289·3	1256	+123
560	Tientsin	39 10	117 10	5·0	1017·1	1017·7	+ 0·4	290·5	311·9	June 3	280·2	254·2	Dec. 25	285·3	−0·2	*284·9	610	+ 22
561	Shanghai (Zi-Ka-Wei)	31 12	121 26	7	..	1016·3	− 0·2	293·8	309·4	July 21	284·7	262·4	Jan. 24	289·3	+0·3	288·4	1164	+343
562	Jinsen (Chemulpo)	37 29	126 37	67·6	1008·7	1017·0	+ 0·7	288·1	305·3	Aug. 23	280·4	254·4	Dec. 26	284·3	−0·5	283·7	1280	+ 7
562a	Nagasaki	32 44	129 52	133	999·4	1015·2	+ 0·7	293·4	306·5	Aug. 16	286·2	272·5	{Jan. 24, 25 / Mar. 19}	289·8	+0·6	289·3	1982	+110
563	Kioto	35 1	135 44	42·9	1010·2	1015·3	+ 0·8	293·7	308·3	Aug. 26	282·8	268·3	Dec. 27	288·2	+1·3	287·9	1710	+420
564	Tokio	35 41	139 45	21·3	1012·2	1014·7	+ 1·3	292·2	306·1	Sept. 1	283·6	266·8	Jan. 6	287·9	+0·8	287·5	1931	+340
565	Kanayama	37 53	140 46	24·6	1012·0	1015·0	+ 0·9	289·5	305·8	Sept. 5	280·6	264·9	Feb. 3	285·1	+0·5	284·8	1793	+ 66
566	Miyako	39 38	141 59	30·4	1010·9	1014·6	+ 1·1	289·6	305·7	Sept. 11	279·4	264·7	Feb. 27	284·5	+0·8	283·8	1339	..
		N.	E.															

YEAR—ZONE 6.

Between Latitude 30° N. and 20° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		N.	W.															
605	Honolulu	21 19	157 52	11·6	1015·6	1016·9	+ 0·2	299·3	301·9	{Aug. Sept. / Oct.}	294·1	288·6	Jan.	296·7	+0·1	297·2	1142	+341
606																		
615	Zacatecas	22 47	102 35	2610	..	..	..	..	..	..	..	..	..	..	..	..	..	..
616	Leon	21 7	101 41	1800	..	..	..	..	..	..	..	..	..	..	..	..	..	..
617	Tulancingo	20 5	98 22	2180	..	..	..	..	..	..	..	..	..	..	..	..	..	..
618	Galveston	29 18	94 50	16·5	1015·2	1017·2	+ 0·4	297·1	308·6	July 9	291·5	269·7	Dec. 22	294·3	+0·3	294·1	716	−190
618a	New Orleans	29 58	90 4	16·2	..	1017·2	+ 0·1	298·8	308·0	May 27, July 14	289·9	271·9	Feb. 3	294·3	+0·8	293·9	784	− 37
619	Havana	23 8	82 21	24·3	..	1016·2	+ 0·4	300·9	306·2	May 19 Aug. 17	294·6	285·5	Feb. 17	297·8	+0·2	297·6	1508	−318
620	Key West	24 33	81 48	6·7	1015·5	1016·1	− 0·4	300·7	305·8	Aug. 18	294·9	283·6	Dec. 17	297·8	−0·4	297·5	922	−127
621	Nassau, Bahamas	25 5	77 21	3·7	..	..	..	..	..	..	295·1	287·2	Feb. 28, Dec. 17	..	−0·6	297·2	839	−123
622	Watling Island	24 6	74 26	33·5	1012·5	1016·4	+ 0·2	..	304·7	Sept. 20	..	290·8	Feb. 16	..	..	298·2	1172	..
633	Izaña	28 19	16 30	2367	769·2	..	..	286·2	299·5	Aug. 27	278·4	267·0	Feb. 28	282·3	..	281·9	251	−340
634	La Laguna	28 28	16 20	547	954·7	1018·0	− 1·2	293·2	307·9	Aug. 13	285·0	275·6	Jan. 16	289·1	−0·4	288·5	304	..
636	Colomb-Béchar	31 38	W 2 13	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
637	Timimoun	29 9	E 0 10	?	..	..	..	306·3	324·0	July 27	288·7	273·0	Jan. 17	297·5	..	298·3	22	..
641	Siwa	29 12	25 29	−23	..	..	..	..	..	..	..	..	..	..	..	..	..	..
642																		
643	Aswan	24 2	32 53	99·6	998·7	1010·0	− 1·7	308·0	320·6	June 23	292·9	278·4	Jan. 27	300·4	+1·3	299·5	..	..
644	Tor	28 13	33 37	1·9	1010·2	1010·4	− 1·2	301·1	315·1	Sept. 16	290·6	277·5	Jan. 23	295·8	+0·6	295·3	..	..
647	Bushire	28 59	50 53	4·3	1008·9	1009·6	− 0·6	300·6	315·7	June 22	293·1	278·7	Feb. 2	296·8	−0·3	296·2	239	− 44
648	Jask	25 44	57 47	4·0	1009·0	1009·4	− 0·3	303·4	314·4	June 19, 23	295·1	281·1	Feb. 5	299·3	−0·4	298·7	174	+ 67
649	Robat	29 45	60 55	?	908·7	..	..	302·5	317·5	Aug. 1	..	..	..	289·9	..	..	104	..
649a	Karachi	24 53	66 57	4·0	1008·6	1009·1	− 0·6	302·2	314·6	May 22	294·9	280·7	Feb. 7	298·6	+0·2	298·0	556	+337
650	Hyderabad, Sind	25 24	68 18	29·3	1004·8	1008·1	− 0·8	306·7	320·2	June 8	293·1	275·3	Feb. 6	299·9	−0·2	299·3	350	+174
650a	Jacobabad	28 17	68 29	56·7	1001·6	1008·1	− 0·3	308·6	322·2	May 29	292·2	272·0	Feb. 6	300·4	+0·4	299·8	90	+ 4
651	Jaipur	26 56	75 52	436	960·1	1009·0	− 0·9	305·2	317·7	May 21	291·2	274·7	Feb. 6	298·2	−0·5	298·0	601	+ 10
652	Nagpur	21 8	79 5	310	974·0	1008·8	− 0·7	305·8	318·3	May 18, 22	293·6	279·8	Dec. 24	299·7	−0·3	299·2	1567	+320
653	Allahabad	25 25	81 51	94·1	997·5	1008·2	− 0·7	304·7	319·7	May 27	292·2	276·4	Dec. 26	298·4	−0·4	297·7	1590	+393
653a	Darjiling	27 3	88 18	2266	775·1	..	− 0·6	289·3	297·4	June 5	282·2	272·4	Dec. 31	285·7	+1·1	285·5	3486	+412
654	Calcutta	22 36	88 23	6·4	1007·7	1008·4	− 0·6	303·9	313·8	May 1	294·8	282·5	Dec. 31	299·4	+0·5	299·1	2103	+533
655	Gauhati	26 8	91 41	59·7	1003·5	1010·3	− 0·3	302·2	308·6	June 15, 18	292·6	280·4	Jan. 12, Feb. 9	297·4	+0·3	296·6	1274	+103
655m	Cherrapunji	25 15	91 42	1314	867·3	..	..	293·7	301·3	Aug. 15	287·1	278·1	Dec. 31	290·4	+0·3	289·8	12351	+1971
655a	Akyab	20 11	92 56	6·1	1008·9	1009·6	− 0·5	302·5	306·5	Apr. 18	294·4	285·0	Dec. 23	298·5	−0·6	298·3	6835	+ 42
656	Mandalay	21 59	96 0	76·2	1001·3	1010·0	− 0·3	307·3	317·2	May 1	295·1	284·2	Feb. 13	301·2	+0·4	300·6	797	..
656a	Tengyueh	24 59	98 35	1633	832·7	..	..	294·3	301·3	{May 16, 17 / Aug. 13, 14}	283·0	270·8	{Jan. 2, 4 / Dec. 25, 29}	288·7	..	288·1	1386	−227
657	Phu Lien	20 48	106 37	116	997·7	1011·2	− 0·1	299·3	307·8	Aug. 6	292·9	281·3	Jan. 24	296·1	−0·5	295·5	1435	−136
658	Moncay	21 31	107 51	9	1010·5	1011·5	0·0	299·7	308·2	Aug. 20, Sept. 6	291·7	276·4	Jan. 25	295·7	−0·4	296·2	2539	..
659	Hong Kong	22 18	114 10	33·2	..	1012·2	− 0·4	297·7	306·6	Aug. 5	292·9	277·0	Jan. 24	295·3	0·0	295·1	2028	−104
660	Amoy	24 27	118 4	ca.3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
661	Taihoku, Formosa	25 2	121 31	9·3	1012·5	1013·6	− 0·2	299·3	309·9	Aug. 8	291·7	278·8	Jan. 23, 24	295·5	+0·3	294·9	2036	+180
661a	Santo Domingo	20 28	121 59	18·7	..	1009·2	− 1·0	..	..	..	..	..	..	..	+0·2	298·9	3293	+160
662	Naha	26 13	127 41	10·5	1012·2	1013·4	− 0·1	299·6	308·5	July 21	292·7	279·7	Mar. 3	296·1	+0·7	295·7	2200	..
665	Titizima (Bonin Islands)	27 5	142 11	4·0	1013·7	1014·2	− 0·1	299·4	307·9	July 16	293·3	282·4	Mar. 20	296·3	+0·5	296·1	1649	+ 64
		N.	E.															
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Estimates not based on at least six equally-spaced observations each day are in *italics*.

YEAR—ZONE 7.

Table representing the Meteorology of the Globe between Latitude 20° N. and 10° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
715	Zapotlanejo	19 38	103 37	1529	..	..	..	..	..	..	..	..	..	..	..	..	..	..
716	Morelia	19 42	101 0	1933	..	..	..	..	..	..	..	..	..	..	..	..	..	..
717	Mexico	19 26	99 8	2259	..	..	..	..	303·4	May 15, June 5	..	..	..	..	..	..	..	..
718	Oaxaca	17 4	96 44	1563	..	..	..	..	..	..	..	..	..	..	..	..	..	..
718a	Salina Cruz	16 12	95 16	56·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
719	San Salvador	13 42	89 12	684	936·8	1013·5	+ 0·9	297·7	312·3	Mar. 20	293·7	282·7	Feb. 18	295·7	−0·3	295·9	1493	−202
720	Belize	17 29	88 12	5·2	..	..	..	..	304·1	July, Sept.	..	289·7	Dec.	..	..	..	2661	+310
721	Jamaica (Negril Point)	18 15	78 23	10·1	..	1013·2	− 0·3	302·7	305·8	June 22, July 19	294·9	289·9	Dec. 31	298·8	0·0	298·7	1733	+354
722	Port au Prince	18 34	72 22	37·4	1009·9	1014·2	+ 0·1	305·1	309·4	Aug. 11	294·8	289·7	Dec. 19	300·0	0·0	298·8	1939	+560
723	Caracas	10 31	66 56	1010	900·3	..	− 0·2	298·1	303·5	May 14	288·1	282·4	Jan. 10, 24	293·1	−0·6	292·2	917	+104
723b	St. Croix (Christiansted)	17 45	64 42	6·6	..	..	..	..	305·0	Sept. 14	..	?293·5	Mar. 10	..	..	..	..	..
724	Montserrat	16 41	62 9	39·6	..	1014·4	− 0·6	303·1	306·9	June 7, 10, 21	295·5	290·8	Jan. 27, 29	299·3	..	298·8	1991	..
725	Grenada (Richmond Hill)	12 3	61 45	155	994·2	1012·1	− 0·3	302·2	305·8	Aug. 28	296·1	293·6	Feb. 3, Mar. 5	299·2	+0·3	298·6	1981	+ 54
725	Barbados	13 8	59 36	55·2	..	1013·5	− 0·3	302·6	304·7	Sept. 21	295·1	290·2	Jan. 9	298·8	+0·1	298·2	1600	+306
731	St. Vincent, C. Verde Is.	16 54	25 4	11	1012·7	1014·0	− 0·2	298·1	303·0	{Sept. 16, 17 / Oct. 2, 9}	294·1	289·5	June 11	296·1	−0·4	296·6	44	−111
732	San Tiago, C. Verde Is.	14 54	23 31	?40	1009·1	1013·7	− 0·6	299·9	305·4	June 10	295·1	290·5	Feb. 28	297·5	0·0	297·4	473	+185
733	Bathurst	13 24	16 36	1·5	..	1013·1	+ 0·4	302·4	307·4	Nov. 23	293·1	287·4	{Jan. 20, 21, 22 / Feb. 3, 12}	297·7	−0·7	297·7	966	−263
734	M'Carthy Island	13 42	14 46	1·1	..	..	..	310·4	318·6	May 3, 16, 20	292·1	285·8	{Jan. 23, 24 / Mar. 4}	301·2	0·0	..	908	+ 98
735	Ségou	13 34	6 17	300	..	..	..	..	..	..	..	..	..	..	..	..	..	..
736	Timbuctoo	16 43	W 3 1	270	..	..	..	..	318·0	{May 13, 14, 30 / June 3}	..	?278·7	Feb. 3	..	..	..	..	..
737	Sokoto	13 2	E 5 14	353	..	..	..	309·4	317·4	{Mar. 3, 26 / Apr. 11, 22}	293·2	277·4	Oct. 28	301·3	+0·4	..	611	− 34
738	Kaduna Junction	10 50	7 25	640	..	..	..	304·1	311·9	Mar. 2	290·9	283·0	Feb. 15	297·5	−0·3	..	1336	− 10
739	Katagum	12 17	10 22	30·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
740	Maiduguri	11 47	13 11	361	..	..	..	309·0	321·3	May 12	292·8	283·0	{Jan. 3, 5 / Dec. 22, 27, 28}	300·9	−0·3	..	839	+249
743	El Obeid	11 47	13 11	361	..	..	..	307·5	317·2	Apr. 5	289·7	277·8	Jan. 23	298·6	−0·5	297·9	314	− 42
743a	Khartoum	13 11	30 14	569	945·7	1009·0	− 0·7	308·9	317·8	Apr. 28	294·4	281·8	Jan. 22	301·7	−0·4	300·8	146	+ 16
744	Port Sudan	15 37	32 33	390	964·8	1008·0	− 0·6	306·7	320·0	June 23	296·4	285·9	Jan. 29	301·6	+0·2	301·0	168	+ 69
745	Berbera, Somaliland	10 22	45 2	10·1	1008·2	1008·8	− 1·2	307·3	316·9	June 12, 20, 23	298·2	289·7	Feb. 7, 8, 9	302·7	−0·3	302·2	73	+ 8
746	Aden	12 45	45 3	28·7	1006·4	1009·7	− 1·4	303·5	310·9	June 9	298·3	292·6	Feb. 9	300·9	−0·4	300·4	28	− 29
751	Bombay	18 54	72 49	11·3	1008·5	1009·8	− 1·1	303·1	307·5	Mar. 3	297·3	288·1	Feb. 7	300·2	+0·3	299·6	2185	+356
751a	Cochin	9 58	76 21	2·7	1010·3	1010·6	− 0·9	304·0	307·6	Apr. 5	296·8	292·7	Jan. 4	300·4	−0·1	299·8	3055	+164
752	Kodaikanal	10 14	77 28	2343	770·3	..	− 0·7	291·8	297·6	Jan. 26	283·4	277·6	Dec. 23	287·6	+0·3	286·8	1408	−161
752a	Bangalore	12 59	77 38	920	909·6	1010·1	− 0·7	302·1	309·7	May 3	291·0	283·7	Jan. 19	296·6	+0·1	295·8	1347	+446
753	Madras	13 4	80 14	6·7	1008·9	1009·6	− 0·9	305·8	313·4	June 8	296·9	290·0	Jan. 19	301·3	+0·1	300·7	1177	− 79
754	Waltair	17 45	83 16	68·9	1001·2	1009·0	− 0·5	303·6	309·0	May 3, June 2	296·8	288·7	Jan. 18	300·2	−0·2	299·6	1014	+ 66
755	Port Blair	11 40	92 40	17·7	1007·7	1009·8	− 0·8	303·4	308·4	Apr. 25	297·7	293·5	{Jan. 24 / Feb. 5, 26}	300·5	−0·3	299·9	2939	− 70
756	Rangoon	16 46	95 48	5·5	1009·8	1010·5	− 0·2	304·3	311·6	Apr. 15	295·3	287·6	Jan. 20	299·8	−0·5	298·7	2655	+176
757	Saigon	10 47	106 42	11·2	1007·4	1008·6	− 0·7	304·8	310·4	Apr. 13	295·5	289·0	Jan. 16	300·1	−0·5	299·5	2004	+165
758	Nhatrang	12 15	109 12	3·6	1008·6	1009·0	− 0·7	302·9	308·3	June 23	295·4	288·9	Feb. 3	299·1	−0·9	298·6	1116	−279
759	Bolinao	16 24	119 53	9·7	..	1008·0	− 1·1	304·8	310·9	May 10	296·5	289·4	Feb. 8	300·7	+0·1	300·2	2754	+121
761	Vigan	17 34	120 23	12·2	..	1008·1	− 1·1	304·5	308·8	May 5	295·7	289·0	Jan. 17	300·1	−0·1	299·9	3406	+834
761a	Manila	14 35	120 59	14·2	..	1008·4	− 1·3	304·5	308·5	May 21	295·6	289·9	Feb. 8	300·1	−0·4	299·2	1643	−299
762	Ormoc	11 0	124 36	5·6	..	1008·0	− 1·1	303·9	307·0	Aug. 25	295·7	287·8	Feb. 9	299·8	+0·1	299·2	3016	+792
765	Guam, Ladrone Is.	13 24	144 38	20·4	..	1008·2	− 0·5	302·5	304·8	Aug. 4	296·9	293·6	Oct. 11	299·7	−0·1	299·9	3000	+660
		N.	E.															

Between Latitude 10° N. and 0°.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		N.	W.															
805	Fanning Island	3 55	159 23	4·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
821	Colon	9 23	79 23	11·0	..	1011·3	+ 0·4	302·8	305·2	sev. dates	297·2	295·2	{May 27, Nov. 3 / Dec. 10}	300·0	+0·5	299·6	2629	−649
822	Bogota	4 36	74 6	2645	..	..	..	..	..	..	..	..	..	..	..	..	..	..
822a	Merida	8 36	71 10	1641	841·5	..	..	296·6	301·4	May 8	288·0	284·1	Dec. 29	292·3	..	291·2	1964	..
824	El Peru, Guayanavieja	7 30	62 0	220	985·1	1010·1	− 0·6	302·7	306·6	Apr. 15	293·8	?289·0	June 29	298·3	−0·1	297·7	1641	+225
825	Georgetown, Brit. Guiana	6 50	58 12	1·8	..	1012·9	− 1·6	302·5	306·1	Oct. 28	297·1	294·4	July 25	299·8	+0·1	299·2	2248	+ 14
826	Paramaribo	5 49	55 9	3·7	..	..	..	303·7	306·8	Sept. 27, Oct. 13	295·8	293·0	Aug. 16	299·7	0·0	298·6	2425	+ 87
826a	Cayenne	4 56	52 21	6	..	..	..	303·9	307·0	Sept. 13	296·0	293·2	Jan. 30	299·9	−0·1	300·2	2947	−264
833	Conakry	9 31	13 43	16	..	..	..	..	?308·4	May	..	?293·0	Sept.	..	..	..	..	..
834	Freetown, Sierra Leone	8 30	13 9	68·3	1003·9	1011·7	− 0·1	303·9	310·8	Feb. 29	296·4	293·0	July 25, 26	300·2	0·0	299·7	3790	−151
835	Cape Coast Castle	5 5	1 13	?	..	..	..	..	..	..	293·6	289·7	May 1	..	..	..	1362	+523
837	Accra	5 12	W 0 12	18	..	..	..	303·1	308·0	Feb. 17	296·4	291·3	Jan. 7	299·7	+0·5	299·2	1043	+356
838	Lagos	6 27	E 3 24	1·8	1011·8	1012·0	− 0·9	303·3	306·4	Mar.	296·7	291·6	Jan.	300·0	+0·2	299·5	1538	−282
838a	Zungeru	9 49	6 10	130	..	..	..	307·0	314·1	Feb. 29	293·4	{?284·7	Dec. 29	300·2	−0·2	..	994	−139
839	Libreville	0 23	9 26	35	1005·0	1009·0	..	304·6	308·5	Mar. 21	295·4	..	..	300·0	+1·1	299·4	3210	+716
841	Yola	9 12	12 30	259	..	..	..	306·9	314·7	Mar. 3	295·0	288·0	Dec. 29	301·0	+0·1	..	1014	+ 65
843	Wau	7 42	28 3	440	950·1	1007·9	− 1·2	307·0	315·0	Apr. 6	293·2	283·0	Dec. 28	300·1	−0·3	298·8	1447	+359
843a	Mongalla	5 11	31 47	439	..	..	..	305·9	314·0	Jan. 16	293·8	285·5	May 15	299·8	−0·4	298·7	1465	+478
844	Malakal (Kodok)	9 35	31 37	394	..	..	..	307·3	315·6	{Mar. 28, 31 / Apr. 5, 6}	..	..	..	..	..	.

YEAR—ZONE 9.

Table representing the Meteorology of the Globe between Latitude 0° and 10° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
905	Malden Island	4 2	155 1	7·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
921	Quito	0 10	78 35	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
924	Manaos	3 8	60 1	44·9	1006·0	1011·2	— 1·4	304·8	310·0	Jan. 1	296·3	294·2	Mar.22, June20	300·5	—0·6	*299·6*	1694	+ 43
926	Taperinha	2 30	54 42	20·0	1008·8	1011·1	..	..	..	..	295·1	291·5	July 6	..	..	*298·2*	2130	..
927	Turyassu	1 43	45 27	15·0	1009·4	1011·1	— 0·2	304·8	308·8	Nov. 16	295·3	291·5	July 5	300·1	—0·2	*298·8*	2310	+152
928	Barra do Corda	5 31	45 16	81·0	1001·0	1010·4	— 0·1	305·6	310·8	Oct. 1	293·4	285·0	Aug. 12	299·5	—0·1	*298·4*	2028	+ 21
929	Quixeramobim	5 16	39 15	207	988·3	1011·8	— 0·5	304·8	308·3	Oct. 6	296·9	292·9	July 18	300·9	—0·3	*300·2*	876	+218
930	Fernando Noronha	3 50	W32 55	95·0	1000·4	1011·4	— 0·5	300·4	302·5	Feb. 16, Apr. 9	296·7	293·4	July 31	298·5	..	*298·1*	1115	+ 32
939	Loanda	8 49	E 13 13	59·3	..	1010·2	— 2·0	299·5	305·5	Jan. 14	295·1	289·0	July 28	297·3	+0·5	297·0	859	+571
940	Brazzaville	4 17	15 16	290	976·3	1009·2	..	304·2	309·5	Apr. 5	292·2	286·0	July 27	298·2	0·0	*297·4*	1476	+105
943	Masaka	0 21	31 47	?1280	..	..	..	297·7	301·3	{Jan. 13 (Mar.23,26,27)}	?288·4	?285·2	Nov. 22	?293·0	0·0	*292·6*	601	—421
944	Nairobi	1 15	36 44	1800	..	..	..	295·8	303·6	Mar. 9	283·6	274·1	July 23	289·7	—0·6	..	1184	+183
944a	Zanzibar	6 10	39 11	21·9	1012·6	1014·5	— 0·5	301·9	306·7	Jan. 21	297·6	293·8	July 16	299·8	+0·1	*299·0*	1612	+ 2
945	Lamu	2 16	40 54	3·1	..	..	..	302·7	304·7	Mar.,Apr., May	297·7	295·2	July 7	300·2	+0·1	*299·8*	1712	—332
947	Seychelles, Port Office	4 37	55 27	4·6	1010·7	1011·3	— 0·4	300·9	303·5	Apr. 14	298·2	295·9	Dec. 12	299·6	0·0	*299·1*	1713	—717
957	Padang	0 56	100 22	6·7	..	1009·6	— 1·5	303·9	307·0	Mar. 4	296·3	294·0	Feb. 14	300·1	..	299·4	4488	— 38
958	Batavia	6 11	106 50	8·0	1008·2	1009·1	— 0·9	303·0	306·5	Oct. 18	296·4	293·6	Nov. 5	299·7	+0·1	299·2	2042	+258
958a	Pontianak	0 1	109 20	2·6	..	1009·3	— 0·9	303·7	306·9	May 13	296·4	293·8	Feb. 29	300·1	..	299·2	2880	—334
959	Passeroean	7 38	112 55	5·0	..	1008·8	— 1·1	304·0	307·8	Oct. 7	294·7	290·2	May 14	299·3	—0·4	299·1	1724	+441
960	Kajoemas	7 56	114 9	1060	..	..	..	..	?301·8	Aug. 29	..	?288·4	May 13	..	..	..	2679	+190
962	Ambon	3 42	128 10	4·2	..	1008·7	— 0·7	302·4	306·6	Jan. 5	296·5	294·5	May,June,July	299·5	+0·5	299·0	6164	+2756
963	Manokwari	0 52	134 20	19·0	..	1007·9	— 0·9	..	305·6	Oct. 9	..	..	..	..	..	..	3029	+462
965	Daru	9 4	143 13	7·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
966	Port Moresby	9 29	147 9	39·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
967																		— 19
968	Rendova	8 30	157 12	1·8	1008·3	1008·5	— 0·3	..	..	..	..	..	..	..	..	..	4243	+135
969	Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	..	..	..	..	..	..	..	..	..	..	..	..	4282	—1688
970	Ocean Island	0 52 S.	169 35 E.	25·6	1004·3	1007·2	— 0·7	304·6	306·8	Feb. 11	297·7	295·2	May,June,July	301·2	+0·2	*300·5*	373	..

YEAR—ZONE 10.

Between Latitude 10° S. and 20° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1002	Apia, Samoa	13 48	171 46	2	..	1011·5	+ 1·5	302·3	305·9	Mar. 12	296·1	292·9	July 18	299·2	+0·2	298·8	3646	+702
1003	Alofi, Niue Island	19 2	169 55	36·6	..	..	..	302·5	308·6	Feb. 21	291·6	286·3	Aug. 1	297·1	..	*296·4*	3040	+1096
1007	Makatea	15 47	148 14	47	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1021	Arequipa	16 22	71 33	2451	761·4	..	+ 0·2	292·3	296·1	Aug. 2	281·2	276·3	June 29	286·7	—0·7	*286·1*	114	+ 18
1022	Puerto de Arica	18 28	70 20	5	..	..	..	292·7	298·2	Feb. 2, 17	287·1	281·2	July 4	289·9	—0·2	*291·4*	0	— 1
1023																		..
1024	Sucre, Bolivia	19 30	64 24	2848	728·5	..	..	..	299·8	Jan. 16	..	269·0	July 1	..	..	*285·4*	675	+ 10
1025	Corumba	19 0	57 39	116	997·2	1010·5	— 0·6	308·2	313·0	Jan.,Sept.,Nov.	..	..	..	..	..	*299·1*	1291	+ 45
1026	Cuyaba	15 36	56 6	165	991·2	1010·0	— 0·5	303·7	310·2	Sept. 27	296·4	284·8	June 25	300·1	+0·1	*299·6*	1428	+ 33
1027	Bello Horizonte	19 55	43 55	857	919·1	1015·2	0·0	298·5	307·6	Sept. 25	288·0	277·6	July 9	293·3	—0·1	*292·9*	2033	+492
1028	Caetite	14 2	42 36	900	915·7	1016·0	+ 0·4	299·4	306·7	Sept. 28	289·1	283·6	Aug. 5	294·3	—0·5	*294·5*	1141	+355
1029	Ondina (Bahia)	13 0	38 30	47·0	1008·4	1013·8	— 0·5	301·6	305·6	Nov. 25	294·8	291·6	July 30	298·2	—0·2	*297·6*	1882	— 83
1030	Aracaju	10 55	37 3	4·0	1013·8	1014·2	— 0·3	302·1	305·5	April 11, May 1	296·7	293·1	Nov. 27	299·4	+0·2	*299·3*	696	—197
1035	St. Helena	15 57	W 5 40	632	945·6	1017·2	— 0·4	294·2	301·9	Feb. 17	286·4	282·4	May 8	290·3	+0·6	*290·0*	787	—229
1042	Gwelo	19 28	E 29 47	1417	862·2	..	— 0·6	300·2	310·8	Oct. 23	..	..	..	..	..	..	644	— 30
1043	Salisbury, Rhodesia	17 48	31 5	1457	857·3	..	— 0·9	300·1	308·7	Oct. 17	284·2	273·2	June 3	292·1	+0·6	..	790	— 33
1044	Zomba	15 23	35 18	?945	908·0	1012·0	— 1·6	299·0	307·4	Nov. 5	288·4	278·0	June 8, July 24	293·7	0·0	*293·2*	1626	+220
1045	Tananarivo	18 55	47 32	1400	865·1	..	— 0·3	296·8	304·1	Nov. 2	285·8	277·8	July 4	291·3	—0·1	*290·2*	1753	+393
1046	Sainte-Marie	17 0	49 51	15	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1055	Cocos Keeling Is.	12 5	96 53	4·6	1010·3	1010·8	— 1·2	302·1	305·8	Jan. 4	297·5	294·1	Apr. 9	299·8	0·0	*299·4*	..	..
1056																		+206
1057	Christmas Island	10 25	105 43	5·5	1007·0	1007·6	— 1·4	304·1	307·4	Jan.	296·7	293·0	Nov.	300·4	+0·3	*299·9*	2423	..
1058																		..
1061	Koepang	10 10	123 34	45·1	..	1009·0	— 1·0	304·3	308·4	Sept. 29	295·6	292·0	June.21	299·9	..	299·5	2224	+761
1061a	Derby	17 18	123 40	16·2	1008·4	1010·2	— 1·0	306·5	315·5	Dec. 21	294·8	280·2	July 18	300·7	+0·3	..	821	+153
1062	Hall's Creek	18 13	127 46	374	969·1	1009·8	— 1·8	307·0	314·7	Jan. 23	290·9	276·2	July 20	299·0	+0·4	..	582	— 52
1063	Port Darwin	12 28	130 51	29·6	1005·4	1008·6	— 0·9	306·1	309·2	Sept. 14	297·0	290·3	Aug. 3	301·5	+0·3	*300·4*	1548	— 17
1064	Daly Waters	16 16	133 23	211	984·3	1007·7	— 2·3	307·4	315·2	Nov. 26	292·9	279·7	Aug. 2, 3	300·2	+0·3	*299·6*	650	+171
1065	Mein	13 13	142 47	122	994·4	1008·1	— 1·3	304·6	311·9	Oct. 9	294·5	286·3	Aug. 12	299·6	+0·4	*299·0*	1390	+ 96
1066	Georgetown, Queensland	18 22	143 32	302	977·0	1010·8	— 0·9	305·1	312·4	Oct. 10	291·9	275·2	June 30	298·5	+0·3	..	932	+719
1067	Samarai	10 37	150 40	15·2	..	..	..	302·1	..	..	297·1	..	..	299·6	+0·2	*299·2*	3436	+1015
1072	Suva, Fiji	18 8 S.	178 26 E.	16·8	1010·3	1012·3	— 0·5	301·3	305·8	Dec. 11	294·9	290·9	July 25	298·1	+0·1	*297·7*	3870	+1015
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Estimates not based on at least six equally-spaced observations each day are in *italics*.

Table representing the Meteorology of the Globe between Latitude 20° S. and 30° S.

YEAR—ZONE 11.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1105 1106	Rarotonga (Avarua)	21 12	159 47	6	..	..	..	..	..	..	..	..	286·9 Aug. 10	..	..	..	..	..
1121	Punta Tortuga, Coquimbo	29 56	71 21	27	1013·8	1017·0	+ 0·9	289·8	295·4	Feb. 14	282·6	277·5	June 20	286·2	—0·1	*287·0*	36	— 99
1122	Iquique	20 12	70 11	9	1014·8	1015·9	+ 0·8	294·2	301·8	Jan. 4, Feb. 15	286·6	281·0	Aug. 17	290·4	—0·6	*290·7*	0	— 1
1123	Catamarca	28 27	65 47	529	..	1010·6	0·0	301·6	317·6	Dec. 5	286·5	268·0	July 28	294·0	+0·3	*293·8*	223	—103
1124	Salta	24 46	65 28	1178	882·4	1011·3	— 1·1	296·8	309·1	Jan. 20	283·1	266·1	June 16, 30	289·9	0·0	*290·4*	639	+ 28
1125	Goya	29 9	59 15	38	..	1013·7	+ 0·1	300·3	315·2	Jan. 13	286·5	273·0	June 16, July 6	293·4	+0·4	*293·2*	816	—241
1126	Asuncion	25 21	57 37	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1127 1128	Curityba	25 25	49 17	908	913·7	1016·2	— 0·8	295·8	305·2	Jan. 27	284·3	268·4	July 9	290·1	—0·2	*289·0*	1030	—422
	Rio de Janeiro	22 54	W43 10	61·4	1007·6	1014·8	— 0·3	298·4	310·6	Sept. 27	293·1	286·6	July 8	295·7	—0·2	295·6	1666	+543
1139 1140	Windhoek	22 34	E 17 6	1665	..	..	..	296·5	307·5	Jan. 30	286·3	272·9	July 8	291·4	—1·0	*291·4*	296	— 80
1141 1142	Kimberley	28 42	24 47	1202	883·2	..	— 0·5	299·6	311·6	Jan. 10	283·0	268·9	July 13	291·3	+0·4	290·7	250	—196
1142a	Johannesburg	26 11	28 4	1806	823·0	..	— 1·8	294·6	305·0	Oct. 14	282·8	270·8	May 23	288·7	+0·4	*288·3*	751	— 49
1143	Pretoria	25 45	28 12	1338	871·0	..	..	298·5	308·6	Feb. 14	282·9	270·2	May 26	290·7	..	..	553	—476
1144	Durban	29 52	31 3	15·2	1015·5	1017·3	..	297·7	303·0	Jan.,Feb.,Mar.	289·5	281·9	July 16,Aug. 26	293·6	0·0	*293·1*	1116	+ 67
1147	Lorenzo Marques	25 58	32 36	59·5	..	1016·7	— 0·4	301·1	313·5	Jan. 19	290·6	282·8	June 7	295·8	+0·1	295·3	296	—451
1159	Mauritius	20 6	57 33	55·2	1008·5	1015·0	— 1·1	299·5	304·1	Dec. 7	292·4	285·3	Aug. 12	295·9	—0·3	295·7	1265	+ 4
1160	Onslow	21 43	114 57	4·3	1009·2	1009·7	— 2·0	304·8	319·1	Jan. 1	290·9	276·7	July 18	297·8	+0·3	..	378	+162
1161	Nullagine	25 38	118 47	588	945·1	1010·2	— 1·8	301·8	316·9	Dec. 25	289·3	274·2	July 17	295·6	+0·2	..	382	+119
1162	Laverton	21 53	120 5	386	967·3	1009·9	— 1·7	305·8	318·0	Feb. 5, Dec. 24	290·2	273·6	July 20	298·0	+0·3	..	380	+ 46
1163	Alice Springs	23 38	133 37	587	946·8	1012·0	— 1·1	300·9	313·6	Jan. 17	287·1	271·9	July 13	294·0	+0·1	*294·0*	347	+ 62
1164	William Creek	28 55	136 21	76·2	1005·4	1014·2	— 1·4	299·7	316·9	Jan., 8, 16	286·3	275·5	May 15	293·0	—0·3	*292·8*	177	+ 43
1164a	Boulia	22 55	139 38	146	?994·4	?1011·0	— 0·7	304·7	316·4	Mar. 14	289·3	277·5	{June 23, 30 July 11, 13}	297·0	+0·2	..	581	+296
1165 1166	Thargomindah	27 58	143 43	123	998·6	1012·7	..	300·1	315·8	Jan. 9	288·6	275·8	June 23, 24	294·3	..	..	408	..
1167	Mitchell	26 32	147 52	336	..	..	..	300·0	314·7	Jan. 9, Feb. 3	285·7	271·3	July 13	292·8	+0·5	..	652	+ 37
1168	Rockhampton	23 24	150 30	11·3	1012·0	1013·3	— 1·3	301·5	313·6	Jan. 26, Feb. 10	291·0	276·7	June 24	296·3	+0·5	*295·6*	805	—210
1169	Brisbane	27 28	153 2	11·6	1014·2	1015·5	— 0·2	298·3	309·0	Feb. 2	288·6	272·2	July 4	293·4	—0·1	*292·8*	1341	+184
1170	Ouitchambo	21 52	166 3	38	1007·5	1011·9	..	302·3	307·0	Mar.14,Dec.27	289·2	281·0	July 29,Aug. 29	295·7	..	..	1938	+465
	Norfolk Island	29 5 S.	167 53 E.	15·2	1014·4	1015·8	— 0·3	295·2	301·3	Feb. 13	290·7	282·7	Aug. 19	292·9	+0·7	*292·5*	1604	+198

Between Latitude 30° S. and 40° S.

YEAR—ZONE 12.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1221	Juan Fernandez	33 37	78 50	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1221a	Punta Tumbes	36 37	73 6	91	1006·7	1017·8	+ 0·9	288·4	299·2	Dec. 18	281·5	274·5	June 8	284·9	—0·8	*284·9*	378	—140
1222	Punta Angeles, Valparaiso	33 1	71 38	41	1012·3	1017·1	+ 0·6	291·5	303·5	Apr. 8	282·8	275·4	June 7	287·1	—1·6	*286·4*	246	—242
1222a	Santiago	33 27	70 42	520	955·8	1016·5	+ 0·7	295·5	308·5	Jan. 7, 13	279·9	269·0	June 15	287·7	+0·1	*286·6*	225	—139
1223	Cordoba	31 25	64 12	423	964·7	1013·7	+ 0·2	299·4	314·6	Dec.	282·3	264·5	June	290·9	+0·5	290·4	447	—257
1224	Bahia Blanca	38 45	62 15	25	..	1013·7	+ 0·2	294·7	314·0	Jan. 6	282·7	268·0	July 1	288·7	—0·1	288·3	482	— 56
1225	Baenos Ayres	34 40	58 22	25	..	1015·2	— 0·5	295·0	311·0	Jan. 11	283·0	268·8	July 27	289·0	—0·5	289·2	505	—437
1226	Montevideo (Prado)	34 53	56 12	24·9	1012·8	1014·6	— 0·9	..	310·5	Jan.	..	269·5	July	..	—0·5	288·7	574	—393
1226a	Rio Grande	32 2	W52 9	2	1014·1	1014·3	+ 0·5	293·6	307·6	Nov. 17	287·2	274·5	June 9	290·4	—1·2	*290·5*	976	— 46
1239	Cape Town	33 56	E 18 29	11·3	..	1016·7	— 0·6	294·7	310·8	Jan. 25	285·2	273·7	June 5	289·9	+0·2	*288·6*	537	—112
1240	Danger Point	34 37	19 18	19·5	..	..	..	..	..	..	..	..	..	..	..	..	481	..
1241	Heidelberg	34 5	20 58	30·5	..	..	..	297·8	318·6	Feb. 21	282·9	270·2	June 30,July 26	290·3	..	..	254	—199
1242	East London	33 2	27 53	9·8	1015·0	1016·1	— 1·0	295·6	308·6	Sept. 1, 2	286·8	274·1	June 10	291·2	0·0	..	471	—380
1259 1260	Perth (Observatory)	31 57	115 50	60·0	1008·1	1015·2	— 1·2	295·6	312·2	Feb. 25	285·7	274·2	July 7	290·6	—0·3	..	893	+ 32
1261	Katanning	33 42	117 35	310	978·9	1015·0	— 1·1	294·6	311·2	Feb. 10	281·9	272·4	July 17	288·3	—0·3	..	404	— 60
1262	Coolgardie	30 57	121 10	423	966·1	1014·5	— 1·3	297·6	314·7	Feb. 14	284·4	273·6	July 4, 10, 19	291·0	—0·1	..	309	+ 51
1263	Eucla	31 45	128 58	4·6	1014·2	1014·8	— 1·6	294·6	315·8	Jan. 4, Dec. 26	285·1	274·1	Aug. 11	289·8	—0·6	..	278	+ 24
1264	Streaky Bay	32 48	134 13	13·1	1014·9	1016·4	— 0·8	295·4	314·7	Jan. 15	284·6	276·3	July 18, Oct. 14	290·0	—0·2	..	493	+ 24
1265	Adelaide	34 56	138 35	42·7	1010·4	1015·4	— 1·7	294·7	314·9	Jan. 5	284·6	276·5	Oct. 18	289·7	—0·5	*289·4*	714	+182
1266	Melbourne	37 49	144 58	35·1	1010·7	1014·8	— 1·5	292·1	313·1	Jan. 16	283·1	271·8	May 29	287·6	—0·1	287·0	963	+316
1267	Bourke	30 13	145 58	110	1003·4	1016·2	+ 0·5	300·2	318·0	{Jan. 9, 17 Feb. 19}	286·4	275·2	{June, July, Aug.}	293·3	—0·3	..	385	+ 33
1268	Sydney	33 52	151 12	44·5	1009·8	1015·1	— 0·8	294·1	309·1	Jan. 11	286·8	278·2	June 20	290·4	+0·2	..	1145	— 79
	Lord Howe Island	31 32	159 4	4·6	1015·0	1015·6	..	295·4	301·3	Jan.31, Feb.3,8	289·2	281·6	Aug. 10, 25	292·3	..	..	1466	—235
1271 1272	Auckland	36 50	174 50	38·1	..	1016·5	..	291·9	299·7	Feb. 11	285·8	277·7	July 30	288·9	+0·8	..	1685	+575
	Napier	39 32 S.	176 53 E.	21·3	..	..	..	293·6	306·9	Feb. 3	283·9	273·0	June 28	288·8	+1·5	..	931	+ 33

Between Latitude 40° S. and 50° S.

YEAR—ZONE 13.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1301	Chatham Island	43 52	170 42	104	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1321	Isla Huafo	43 34	74 45	140	999·2	1016·2	+ 0·5	284·4	295·0	Feb. 25	280·4	274·9	June 4	282·4	—0·4	*282·6*	938	—154
1322	Punta Galera	40 1	73 44	40	1013·5	1018·4	+ 1·9	286·4	294·8	Jan. 6	280·9	275·2	{June 4, 6 July 29}	283·7	—0·5	*283·8*	1795	—422
1323	Sarmiento	45 30	69 0	274	..	1009·3	..	290·0	309·7	Jan. 7	278·6	261·0	July 2	284·3	+0·2	283·8	106	..
1324	Punta Madryn	42 49	W64 58	14	..	1011·0	..	293·1	309·2	Feb. 15	280·3	266·4	June 6	286·7	—0·3	286·2	117	— 36
1365 1366	Launceston	41 27	E147 10	10·1	1011·7	1012·8	— 0·5	290·9	307·0	Dec. 28	280·8	270·3	June 19	285·9	+0·3	..	1017	+299
	Hobart	42 53	147 20	53·9	1005·4	1012·0	— 0·4	289·1	308·2	Jan. 23	281·3	272·6	June 16	285·2	—0·2	*284·4*	1102	+500
1370 1371	Invercargill	46 25	168 21	5·5	..	..	..	288·4	300·8	Jan.,Mar.,Dec.	278·7	267·4	June 2, 3	283·6	+0·6	..	1128	— 56
1371a	Dunedin	45 52	170 31	91·4	..	1012·6	+ 1·1	288·9	301·9	Feb.,Mar.,Dec.	280·4	271·9	June 2	284·6	+1·5	..	731	—206
1372	Christchurch	43 32	172 38	7·6	..	1014·3	+ 1·2	290·1	306·1	Dec. 11	280·8	269·8	June 3	285·4	+0·6	..	624	— 19
	Wellington	41 16 S.	174 46 E.	2·4	..	1016·3	+ 2·8	290·3	302·4	Jan. 30	284·0	273·8	July 29	287·2	+1·3	..	949	—286
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Estimates not based on at least six equally-spaced observations each day are in *italics*.

YEAR—ZONE 14. Table representing the Meteorology of the Globe between Latitude 50° S. and 60° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1421	Islota de los Evangelistas	52 24	75 6	55	995·9	1002·6	+ 0·2	281·3	286·5	Feb. 18	277·9	271·5	July 10	279·6	+0·3	*279·6*	2910	−133
1422	Puerto de Punta Arenas	53 10	70 54	4	1000·6	1001·1	− 0·2	283·5	295·5	Feb. 8	276·1	266·6	July 23	279·8	+0·4	*279·8*	545	−70
1423	Punta Dungeness	52 24	68 26	5	1000·8	1001·4	0·0	284·2	294·0	Feb. 11	276·4	269·0	July 24	280·3	+0·3	*280·5*	172	+39
1424	Santa Cruz	52 22	68 21	12	..	1004·3	− 1·2	287·7	306·7	Feb. 17	277·1	261·0	June 5	282·4	+0·4	282·0	181	..
1424a	Año Nuevo	54 39	64 9	50	991·9	998·0	..	280·7	288·8	Jan. 6	276·2	269·1	Sept. 17	278·4	..	278·3	499	+73
1425	Stanley, Falkland Is.	51 41	57 51	4	..	..	..	..	..	..	..	..	..	..	..	..	715	..
1426	Cape Pembroke	51 41	57 42	21	..	1000·6	− 1·2	281·8	291·9	Jan. 8, Feb. 16	275·6	268·6	July 1	278·7	0·0	279·0	..	..
1429	S. Georgia(CumberlandBay)	54 14 S.	36 33 W.	4	996·8	997·3	+ 0·1	277·6	293·1	Jan. 16	271·3	260·6	July 6	274·4	−0·7	*274·0*	1496	+151

YEAR—ZONE 15. Between Latitude 60° S. and 70° S.

1527	South Orkneys	60 44 S.	44 39 W.	6·1	..	994·6	+ 2·3	..	281·2	Jan.	..	241·7	July	..	−1·0	267·5	286	−150
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Estimates not based on at least six equally-spaced observations each day are in *italics*.

SUMMARY OF RESULTANT WINDS FOR THE YEAR, 1916.

	St. Helena.	Fanning Island.	Sierra Leone.	Entebbe.	Malden Island.	Tulagi.	Ocean Island.	Suva, Fiji.
Resultant	145°(90)† 6·5*	..	275°(11)†	270°(63)†	90°(88)†	135°(54)†	95°(81)†	115°(44)†
Normal	141°(89)† 7·3*	109°(74)†	272°(22)†	255°(33)†	81°(81)†	134°(47)†	100°(43)†	96°(53)†

* Mean Velocity of the South East Trade Wind at 632 metres.
† Direction and "constancy." For explanation see Introduction.

STATE OF ICE IN THE ARCTIC SEAS AND IN THE NORTH ATLANTIC—YEAR 1916.

* *The White Sea.*—Ice remained later in spring than usual and navigation was not opened until mid-June, when there was still much drift ice.

* *Barents Sea.*—In the spring the ice extended further westward than usual, but there was very little ice in the central part of the sea. During the summer the sea was filled with heavy polar ice. Bear Island was free until October.

* *Spitsbergen.*—There was more ice than usual. The west coast was not free until September and the ice extended far to the north.

* *Greenland.*—At Angmagsalik, traffic by sledge on the fiord was possible only in March. Except during the autumn, the ice along the coast lay in closely packed masses.

* *Iceland.*—There was very little ice, the coasts being free except for a week in March, and a few weeks in June and July when the passage from C. North to Skagen was closed. The duration was 41 days, the normal being 45 days.

North Atlantic and Labrador.—Only a few reports have been received but icebergs as well as floes appear to have been less abundant than usual and the ice did not as a rule reach far south.

* *Belle Isle Strait.*—The ice began to scatter in May and icebergs were comparatively infrequent.

* *Davis Strait.*—The year was exceptionally favourable as regards ice. The first "Storis" passed C. Farewell at about the usual time but only in small quantities and during the summer only reached to Frederikshaab. By July it had disappeared and the Strait was free till the end of the year. The west ice only reached to Upernivik and did not extend far eastward. Owing to the very mild season the winter ice did not attain any considerable thickness.

* *Melville Bay.*—There was a great deal of ice all the summer and it did not leave the bay until late in the year.

* *Isforholdene i de arktiske Have, 1916 and 1917*, published by the Danish Meteorological Institute.

RÉSEAU MONDIAL, 1916.

TABLE SHOWING THE AUTHORITIES FOR THE METEOROLOGY OF THE GLOBE FOR THE YEAR 1916 AND THE PERIODS OF THE NORMALS, TOGETHER WITH THE HOURS OF OBSERVATION, FORMULÆ FOR MEANS, ETC.

Between Latitude 80° N. and 70° N. ZONE 1.

No.	Name of Station.	Authority for Current Data.	Period of Normals.†	Remarks.†
123	Inglefield Bay	Copenhagen, Dansk Meteor. Aarbog, 1916.	P, 9–14 yrs., 1853–1919.	P=¼ (8+14+21). True mean T=⅙ [2 (8+14)+5×21]. No registering thers.
124				
125	Upernivik	Do. do.	P, T, R, 1875–1916.	Do. do.
126				
139	Spitsbergen (Green Harbour)	Kristiania, Jahrb. d. Norweg. Meteor. Instituts, 1916, 1917.	P, 15 yrs., 1872–1921. T, R, Dec., 1911–June, 1921.	P=mean of 24 hrs. No max. ther.
140				
141	Gjesvaer	Kristiania, Jahrb. d. Norweg. Meteor. Instituts, 1916.	P, (1851–1900). T, 1841–1917. R, 1883–1912.	P=¼ (I+II+III) + corr. to reduce to mean of 24 hrs. True mean T=*n*−*k* (*n*=min.) where *n* is the mean of the three fixed daily observations and *k* is a factor varying with the station and month. No max. ther.
142	Mehavn	Do. do.	P, T, R, 1898–1917.	
143	Vardö	Do. do.	P, (1851–1900). T, 1841–1917. R, 1893–1912.	
147	Malye Karmakouly	Do. do.	P, T, R, 1896–1920 (incomplete).	
148	Waigatz	MS. data supplied by Central Phys. Obs., Petrograd. Do. do.	P, (1871–1895).	P=¼ (7+13+21). True mean T derived from these hours. No max. ther. P=¼ (7+13+21). True mean T derived from these hours. Jan.–May, no max. ther.

Between Latitude 70° N. and 60° N. ZONE 2.

203	Nome	Washington D.C., U.S. Dept. Agric., Rep. of Chief of Weather Bureau, 1916–17.	P, 1910–20. T, 1907–16. R, 14 yrs. 1906–20.	P=20 h.
204	Candle	MS. data supplied by the Chief of the Weather Bureau, Washington.	..	..
205	Tanana	See No. 203.	P, 1910–11; '13–20. T, (1901–18). R, 11–14 yrs., 1905–20.	P=20 h.
206	Rampart		R, 1905–10; '13–20.	..
207	Valdéz	See No. 204.	P, 1910–11; '13–20. T, (1898–1916). R, 1909–20.	P=20 h.
208	Eagle	See No. 203. Do.	P, 1910–20. T, (1900–18). R, 12–17 yrs., 1882–1920.	P=20 h.
209	Dawson	Toronto, Meteor. Service, Monthly Record of Meteor. Obs., 1916, and MS. data.	P, 1902–18. T, 1901–18. R, 1898–1914.	P=¼ (8+16+20). 135th Meridian time.
210	Carcross	Do. do.	T, 10 yrs. R, 1907–17.	..
211	Fort Good Hope	MS. data supplied by Canadian Meteor. Service, Toronto.	..	P=½ (8+16½).
212	Fort Simpson	Do. do.	T, unknown. R, 8–14 yrs., 1897–1914.	P=½ (8+17). True mean T derived from ½ (M+*m*).*
213	Hay River		T, unknown.	P=½ (8+17½).*
214		Do. do.		
225	Jacobshavn	Copenhagen, Dansk Meteor. Aarbog, 1916.	P, R, 1874–1916. T, 70–72 yrs., 1840–1916.	P=¼ (8+14+21). True mean T=⅙ [2 (8+14)+5×21].
226	Godthaab	Do. do.	P, T, R, 1874–1916 (incomplete).	Do. do.
227	Ivigtut	Do. do.	P, T, 1880–1917. R, 1875–1917.	P=¼ (8+14+20). True mean T=⅛ [8+14+5×20].
229	Angmagsalik	Do. do.	P, 1894–1916. T, 1895–1916. R, 1898–1916.	P=¼ (8+14+21). True mean T=⅙ [2 (8+14)+5×21].
231	Stykkisholm	Do. do.	P, 1851–1900. T, 1846–1900. R, 1857–1916.	Do. do.
232	Vestmanno	Do. do.	P, (1851–1900). T, 1878–1916. R, 1881–1916.	Do. do.
233	Grimsey	Do. do.	T, 1875–1916. R, 36–43 yrs., 1874–1916.	Do. do.
233a	Akureyri	Do. do.	P, (1851–1900).	
234	Berufjord	Do. do.	P, (1851–1900). T, R, 1873–1916.	Do. do.
235	Thorshavn	Do. do.	P, T, R, 1871–1916.	Do. do.
236	Lerwick	London, Monthly Weather Rep. of Meteor. Office, 1916.	P, 1871–1915. T, R, 1881–1915.	P (Sta. Lev.)=¼ (7+13+21). P (M.S.L.) reduced to 24 hrs. True mean T derived from ½ (M+*m*).
237	Bergen (Met. Obs.)	Kristiania, Jahrb. d. Norweg. Meteor. Instituts, 1916.	P, (1851–1900). T, 1861–1910. R, 1765–70; 1861–1921.	See Gjesvaer No. 141.
238	Christiansund	Do. do.	P, (1851–1900). T, 1841–1917. R, 1867–71; '76–1912.	
239	Trondhjem		P, (1851–1900). T, 1841–1917. R, 1885–1912.	
240	Bodö	Do. do.	P, (1851–1900). T, 1841–1917. R, 1869–1912.	
241	Haparanda	Do. do.	P, (1851–1900). T, 1859–1900. R, 1860–1910.	
242	Helsingfors	Stockholm, Meteor. Iakttagelser i Sverige, 1916.	P, (1851–1900). T, 1845–56; '82–1915. R, 1844–1915.	P=¼ (8+14+21). Mid-European time. True mean T derived from these hours. P=⅓ (7+14+21).
242a	Kuopio	MS. data supplied by the Society of Sciences, Finland. Do. do.	P, (1851–1900). T, 1884–1915. R, 1893–1915.	P=¼ (7+14+21). True mean T=¼ (7+14+2×21).
243	Kola		P, (1851–1917). T, 1876–1908; '10–15. R, 1878–1908; '11–13.	P=¼ (7+13+21). True mean T derived from these hours.
244	Petrozavodsk	MS. data supplied by Central Phys. Obs., Petrograd. Do. do.	P, (1851–1917). T, 55 yrs., 1857–1915. R, 33–34 yrs., 1870–1915.	Do. No max. ther.
245	Arkhangelsk		P, 1851–1917. T, 1813–1917. R, 1871–1917.	See No. 243.
246	Mezen	Do. do.	P, 1871–1908. T, R, 1883–1908.	Do.
247	Oust Tsylma	Do. do.	P, 1871–1915. T, 23 yrs., 1889–1915.	Do.
248	Tcherdyn	Do. do.	P, (1851–1900). T, 1847–48; '88–1908. R, 1885–1908.	Do. Jan.–Aug., no max. ther.
249	Berezov	Do. do.	P, (1851–1900). T, 47 yrs., 1836–1913. R, 29 yrs., 1878–1913.	Do. June, Aug.–Dec., no max. ther.
250	Obdorsk	Do. do.	P, (1851–1900). T, 29 yrs., 1882–1913. R, 1882–1908; '11–13.	Do. Jan., June–Dec., no max. ther.
251	Sourgout	Do. do.	P, (1851–1900). T, 27 yrs., 1884–1913. R, 1884–1908; '11–13.	Do. No max. ther.
252			P, 1871–1895.	Do. No max. ther.
253	Doudinka	Do. do.	P, 1871–1895. T, 27 yrs., 1877–1911. R, 1877–91.	Do. No max. ther.
254	Touroukhansk	Do. do.	P, 31 yrs., 1870–1913. T, 24 yrs., 1861–1913. R, 22 yrs., 1882–1913.	Do. No max. ther.
261	Olekminsk	Do. do.	P, 1871–1908; '11–13. T, 49 yrs., 1829–1913. R, 26–36 yrs.	Do. No max. ther.
262	Iakoutsk	Do. do.	P, (1891–1905). T, 26 yrs., 1869–1913. R, 22 yrs., 1886–1913.	Do. No max. ther.
263	Verkhofansk	Do. do.	..	..
264	Oust-Malskoe	..	..	..
271	Markovo-sur-Anadyr	MS. data supplied by l'Obs. Météor., Vladivostok.	P, T, R, 14 yrs., 1894–1914.	P=⅓ (7+13+21).
272	Novo-Mariinskii Post	..	..	..

* Maximum and minimum temperatures from whole degrees Fahrenheit. † P indicates barometric pressure, T temperature, and R precipitation. Max. ther. refers to maximum thermometer.

No.	Name of Station.	Authority for Current Data.	Period of Normals.	Remarks.
303	Dutch Harbor	Washington, D.C., U.S. Dept. Agric., Rep. of Chief of Weather Bureau, 1916–17, and Monthly Weather Rev. 1916.	**T,** (1898–1916). **R,** 1905–20.	..
304				
305	Kodiak	Do. do.	**P,** 1910–20. **R,** 16–21 yrs., 1898–1910; '13–20.	**P**=20 h.
306				
309	Sitka	Do. do.	**P,** 1910–20. **T, R,** 17–19 yrs., 1898–1916.	**P**=20 h.
310	Prince Rupert	Toronto, Meteor. Service, Monthly Record of Meteor. Obs., 1916.	**P,** 10 yrs., 1911–21. **T,** (24 yrs.) **R,** 11 yrs., 1910–21.	**P**=$\frac{1}{2}$ (5+17). 120th Meridian time.*
311	Barkerville	Do. do.	**P,** 1900–18. **T,** 31 yrs. **R,** 1888–1913.	**P**=$\frac{1}{2}$ (5+17). 120th Meridian time. True mean **T** derived from $\frac{1}{2}$ (M+*m*).*
312	Kamloops	Do. do.	**P,** 1900–18. **T,** 27 yrs. **R,** 1892–1913.	**P**=$\frac{1}{2}$ ($4\frac{1}{2}$+16$\frac{1}{2}$). 120th Meridian time. True mean **T** derived from $\frac{1}{2}$ (M+*m*).*
313	Calgary	Do. do.	**P,** 1900–18. **T,** 34 yrs. **R,** 1884–1917.	**P**=$\frac{1}{2}$ ($5\frac{1}{2}$+17$\frac{1}{2}$). 105th Meridian time. True mean **T** derived from $\frac{1}{2}$ (M+*m*).*
314	Fort Chipewyan	MS. data supplied by Canadian Meteor. Service, Toronto.	**T, R,** 20 yrs.	**P**=$\frac{1}{2}$ (8+18). 105th Meridian time. True mean **T** derived from $\frac{1}{2}$ (M+*m*).*; August from $\frac{1}{2}$ (8+18).
315	Prince Albert	See No. 310.	**P,** 1900–18. **T,** 34 yrs. **R,** 1885–1917.	**P**=$\frac{1}{2}$ (6+18) 105th Meridian time. True mean **T** derived from $\frac{1}{2}$ (M+*m*).*
316	Qu'Appelle	Do.	**P,** 1900–13; '15–18. **T,** 34 yrs. **R,** 1883–1917.	**P**=$\frac{1}{2}$ (6+18). 105th Meridian time.*
317	Minnedosa	Do.	**P,** 1895–1918. **T,** 35 yrs. **R,** 1883–1917.	**P**=$\frac{1}{2}$ (7+19). 90th Meridian time. True mean **T** derived from $\frac{1}{2}$ (M+*m*). *
318	Berens River	Do. and M.S. data.	**T,** 25 yrs. **R,** 1886–1917.	True mean **T** derived from $\frac{1}{2}$ (M+*m*).
318*a*	Port Nelson	Do. do.	..	**P**=$\frac{1}{2}$ ($7\frac{1}{2}$+18$\frac{1}{2}$). 75th Meridian time.
319	Fort Hope	See No. 314.	**T,** unknown. **R,** 17 yrs.	**P**=$\frac{1}{2}$ (7+14+19). 80th Meridian time.*
320	Moose Factory	See No. 310.	**P,** 1901–18. **T,** unknown. **R,** 1878–1907 (incomplete).	**P**=$\frac{1}{3}$ (9+14+19). 80th Meridian time.*
321	Fort George	See No. 314.	..	..
322	Mistassini Post	See No. 318.	..	..
323	Hebron	Hamburg, D. Ubersee. Meteor. Beob., 23.	**P,** 1883–1912.	**P**=$\frac{1}{3}$ (7+14+21). True mean **T**=$\frac{1}{4}$ (7+14+2×21)
324	Natashquan	See No. 318.	..	..
325				
326	Belle Isle	..	..	..
334	Cahirciveen (Valencia Obs.)	London, Monthly Weather Rep. of Meteor. Office, 1916.	**P,** 1871–1915. **T, R,** 1881–1915.	**P**=mean of 24 hrs.
335	Aberdeen	Do. do.	**P,** 1871–1915. **T, R,** 1881–1915.	Do.
336	Greenwich	Do. do.	**P,** 1841–1910. **T,** 1841–1915. **R,** 1881–1915.	Do.
337	Uccle	Brussels, Inst. Royal Météor. de Belgique, Ann. météor., 1917, 1918.	**P,** 1833–1904. **T,** 1886–1910. **R,** 1833–1900.	**P**=mean of 24 hrs.
338	De Bilt	Utrecht, Nederlandsch Meteor. Inst., Jaarboek, 1916.	**P, T,** 1851–1900. **R,** 1897–1914.	**P**=mean of 24 hrs.‡
338*a*	Hamburg	Hamburg, D. Seewarte, Ergebn. der Meteor. Beob., 1916.	**P, T,** 1876–1910. **R,** 1868–1916.	**P**=mean of 24 hours. Barograph 40cm. above M.S.L., other instruments 26m. True mean **T** May–Aug., $\frac{1}{3}\left(\frac{8+20}{2}+\frac{7+14+20}{3}\right)$. Sept.–Apr., $\frac{1}{3}\left(\frac{8+20}{2}+\frac{7+14+20}{3}\right)$.
339	Copenhagen	Copenhagen, Dansk Meteor. Aarbog, 1916.	**P,** 1842–1917. **T,** 1860–1917. **R,** 1822–1917.	**P**=$\frac{1}{3}$ (8+14+21). True mean **T** derived from these hours.
340	Potsdam	Potsdam, Ergebn. der Meteor. Beob., 1916.	**P,** 1851–1916. **T,** 1893–1916. **R,** 1877–1916.	**P**=mean of 24 hrs.
340*a*	Upsala	Upsala, Bull. Mens. de l'Obs. météor., 1916.	**P,** 1851–1900. **T,** 1866–1910. **R,** 1860–1910.	Do.
341	Warsaw	MS. data supplied by Inst. Centr. Météor, Warsaw.	**P, T,** 1851–1900. **R,** 1803–1915 (incomplete).	**P**=$\frac{1}{2}$ (7+13+21).
342	Jurjev	Jurjev, Obs. météor. faites à...en 1916.	**P, T, R,** 1866–1915.	**P**=mean of tri-hourly observations.
343	Petrograd	MS. data supplied by Central Phys. Obs., Petrograd.	**P, T,** 1851–1900. **R,** 90 yrs., 1778–97; 1835–1915.	**P**=$\frac{1}{2}$ (7+13+21). True mean **T** derived from these hours.
344	Kiev	Do. do.	**P,** 1871–1915. **T,** 1851–1900. **R,** 1856–1915.	Do.
344*a*	Moscow	Do. do.	**P,** 1871–1915. **T,** 1851–1900. **R,** 1853–1915.	Do.
345	Saratov	Do. do.	**P,** (1851–1900). **T,** 52 yrs., 1836–1915. **R,** 40 yrs., 1855–1915.	Do. No max. ther.
346	Kazan	Do. do.	**P,** (1851–1900). **T,** 1851–1900. **R,** 53 yrs., 1829–1915.	Do.
347	Orenburg	Do. do.	**P,** (1851–1900). **T,** 1843–75; '86–1915. **R,** 62 yrs., 1843–1915.	Do.
348	Perm	Do do	**P,** (1851–1900). **T,** 1866–70; '83–1915. **R,** 33 yrs., 1882–1915.	Do. March absolute max. from observations at fixed hours.
349	Ekaterinburg	Do. do.	**P, T,** 1851–1900. **R,** 1836–1915.	Do.
350	Tobolsk	Do. do.	**P,** 23 yrs., 1885–1913. **T,** 54 yrs., 1832–1913. **R,** 35 yrs., 1841–1913.	Do.
351	Akmolinsk	Do. do.	**P,** 1871–1908; '11–13. **T,** 35 yrs., 1870–1913. **R,** 32 yrs., 1873–1913.	Do.
352	Omsk	Do. do.	**P,** 1871–1908; '10–12. **T,** 26 yrs., 1875–1912. **R,** 28 yrs., 1875–1913.	Do.
353	Barnaoul	Do. do.	**P, T,** 1851–1900. **R,** 1838–1908; '10–13.	Do.
354	Tomsk	Do. do.	**P,** 1871–1908; '10–13. **T,** 54 yrs., 1837–1913. **R,** 38 yrs., 1874–1913.	Do. No. max. ther.
355	Minousinsk	Do. do.	**P,** (1871–1895). **R,** unknown.	Do. do.
356	Eniseisk	Do. do.	**P,** 1871–1908; '11–13. **T,** 42 yrs., 1853–1913. **R,** 41 yrs., 1871–1913.	Do. do.
357	Irkutsk	Do. do.	**P,** 1871–1908; '10–13. **T,** 62 yrs., 1830–1913. **R,** 38 yrs., 1873–1913.	Do. do.
358	Kirensk	Do. do.	**P,** (1871–1908; '10–13). **T, R,** 1892–1908; '11–13.	Do. do.
359	Tchita	Do. do.	**P,** (1871–1908). **T,** 1890–1908; '10, '11, '13. **R,** 24 yrs., 1887–1913.	Do. do.
360	Blagoveshchensk Priisk	Do. do.	**P,** 1871–95.	Do. do.
360*a*	Nertchinskii Zavod	Do. do.	**P,** 1871–1908. **T,** 67 yrs., 1839–1908. **R,** 69 yrs., 1839–1908.	Do. do.
361	Tygan Ourkan	MS. data supplied by l'Obs. Météor, Vladivostok.	..	..
362	Blagoveshchensk (Bureau Météor.)	Do. do.	**P,** 1871–1908; '13–14. **T,** 1859–1913. **R,** 14–24 yrs., 1877–1908.	Do.
363	Paikanskii Sklad	Do. do.	..	Do.
364				

* Maximum and minimum temperatures from whole degrees Fahrenheit.

‡ Max. ther. read at hour of morning observation and entered to day of reading.

No.	Name of Station.	Authority for Current Data.	Period of Normals.	Remarks.
365	Nikolaevsk-sur-Amour	MS. data supplied by l'Obs. Météor., Vladivostok.	**P,** 1871–1908; '11–14. **T,** 1854–1908; '11–14. **R,** 45 yrs., 1860–1914.	**P**=$\frac{1}{3}$ (7+13+21). True mean **T** derived from these hours. No. max. ther.
366	Okhotsk	Do. do.	**P,** 1871–99; '11–14. **T,** 25 yrs. **R,** 17 yrs.	Do.
367				
368	Petropavlovsk (Radio)	Do. do.	**P,** 13 yrs., 1891–1915.	Do.
369				

No.	Name of Station.	Authority for Current Data.	Period of Normals.	Remarks.
411	Victoria, B.C.	Toronto, Meteor. Service, Monthly Record of Meteor Obs., 1916,	**P,** 1900–18. **T,** 29 yrs. **R,** 1881–1910.	**P**=mean of 24 hrs.*
412	Portland, Oregon	Washington, D.C., U.S. Dept. Agric., Rep. of Chief of Weather Bureau, 1916–17, and Monthly Weather Rev., 1916.	**P,** 1876–1915. **T,** 1873–1905. **R,** 1871–1917.	**P** reduced to mean of 24 hrs. True mean **T** derived from $\frac{1}{2}$ (8+20).
413	Macleod	See No. 411 and MS. data.	**T,** 26 yrs. **R,** 1895–1917.	..
414	Helena	See No. 412.	**P,** (1876–1915). **T,** 1880–1905. **R,** 1880–1917.	See No. 412.
414*a*	Salt Lake City	Do.	**P,** 1876–1915. **T,** 1875–1905. **R,** 1874–1917.	Do.
415	Cheyenne	Do.	**P,** 1876–1915. **T,** 1873–1905. **R,** 1871–1917.	Do.
416	North Platte	Do.	**P,** 1876–1915. **T,** 1875–1905. **R,** 1875–1917.	Do.
416*a*	Bismarck	Do.	**P,** 1876–1915. **T,** 1875–1905. **R,** 1875–1917.	Do.
417	Winnipeg	See No. 411.	**P,** 1900–18. **T,** 45 yrs. **R,** 1872–1917.	**P**=mean of 24 hrs.*
418	Duluth	See No. 412.	**P,** 1876–1915. **T, R,** 1904–17.	See No. 412.
419	Port Arthur	See No. 411.	**P,** 1900–18. **T,** 38 yrs. **R,** 1881–1910.	**P**=$\frac{1}{3}$ (7+14+19) 90th Meridian time. True mean **T** derived from $\frac{1}{2}$ (M+*m*).*
420				See No. 412.
421	Chicago	See No. 412.	**P,** 1876–1915. **T,** 1873–1913. **R,** 1871–1917.	**P**=mean of 24 hrs.*
422	Toronto	See No. 411.	**P,** 1900–18. **T,** 78 yrs. **R,** 70 yrs.	**P**=$\frac{1}{3}$ (7+14+21).
423	New York (Central Park)	New York, Rep. of Meteor. Obs., Central Park, 1916.	**P, T, R.** See current data.	..
424	St. John, N.B.	See No. 411.	**P,** 1902–18. **T,** 45 yrs. **R,** 1861–1910.	**P** (Jan.-Mar.)=$\frac{1}{3}$ (9+15+21) 60th Meridian time; M.S.L. corrected to 24 hrs., **P** (Apr.-Dec.)=mean of 24 hrs.*
424*a*	S.W. Point, Anticosti	Do.	**P,** 1900–18. **T,** 37 yrs. **R,** 1888–1907.	**P**=$\frac{1}{3}$ ($8\frac{1}{2}$+15$\frac{1}{2}$+20$\frac{1}{2}$) 60th Meridian time.*
425	Sable Island (Main Station)	Do.	**P,** 1895–1918. **T,** 36 yrs. **R,** 1889–1917.	**P**=$\frac{1}{3}$ (9+14+21) 60th Meridian time.*
426	Port aux Basques	Do.	**P, T, R,** 1909–20.	**P**=$\frac{1}{3}$ (9+21) 60th Meridian time.*
	St. John's, Newfoundland	Do.	**P,** 1884–1918. **T,** 46 yrs. **R,** 1885–1916.	**P**=$\frac{1}{3}$ (9+21) 60th Meridian time.*
435	Madrid	Madrid, Anuario del Observatorio, 1918.	**P,** (1851–1900). **T, R,** 1860–1916.	**P,** true mean **T**=$\frac{1}{6}$ (3+6+9+12+15+18+21+24).
436	Nantes	MS. data supplied by l'Office National Météor., Paris.	**P, T,** 1851–1900. **R,** 1886–1910.	**P**=mean of 24 hrs.
437	Paris (Parc St. Maur)	Do. do.	**P, T,** 1851–1900. **R,** 1821–1910.	**P**=mean of 24 hrs.
438	Marseilles	Do. do.	**P, T,** 1851–1900. **R,** 1867–1918.	**P**=$\frac{1}{3}$ (1+4+7+10+13+16+19+22).
438*a*	Zürich	Zürich, Ann. Schweiz. Meteor. Zentralanst., 1916.	**P, T,** 1864–1900. **R,** 1864–1913.	**P**=mean of 24 hrs.
439	Rome	MS. data supplied by R. Uff. Centr. Meteor. e. Geodin., Rome.	**P,** 1851–1900. **T,** 1831–1910. **R,** 1826–1910.	**P**=$\frac{1}{3}$ (9+15+21). True mean **T** derived from $\frac{1}{4}$ (9+21+M+*m*).
440	Vienna	MS. data supplied by Zentralanst. für Meteor. u. Geodin., Vienna.	**P,** 1851–1900. **T,** 1776–1900. **R,** 1845–1900.	**P**=$\frac{1}{3}$ (7+14+21).
440*a*	Buda-Pesth	MS. data supplied by Meteor. es. Foldmagn. Intezet, Buda-Pesth.	**P,** (1871–1920). **T, R,** 1871–1920.	**P**=$\frac{1}{3}$ (7+14+21). True mean **T** derived from these hours.
441	Monastir	..	..	..
442	Bucharest	MS. data supplied by l'Obs. Astr. et Météor. de Bucharest.	**P,** (1851–1900). **T,** 1857–1916. **R,** 1864–69; '71–1916.	**P**=mean of 24 hrs.
443	Odessa (University)	MS. data supplied by Central Phys. Obs., Petrograd.	**P,** (1851–1900). **T,** 1851–1900. **R,** 69 yrs., 1841–1915.	**P**=$\frac{1}{3}$ (7+13+21). True mean **T** derived from these hours.
444	Kharkov (University)	Do. do.	**P,** (1851–1900). **T,** 36 yrs. **R,** 38 yrs., 1877–1915.	Do. do.
444*a*	Novorossiisk	Do. do.	**P,** (1851–1900). **T,** 1872–85; '88–1915. **R,** 1892–1908; '11–13.	Do. do.
445	Tiflis	Do. do.	**P, T,** 1851–1900. **R,** 71 yrs., 1844–1915.	Do. do.
446	Astrakhan	Do. do.	**P,** (1851–1900). **T,** 1851–1900. **R,** 68 yrs., 1846–1915.	Do. do.
447	Fort Alexandrovsk	Do. do.	**P,** (1851–1900). **T,** 55 yrs., 1848–1913. **R,** 40 yrs., 1848–1913.	**P**=$\frac{1}{3}$ (7+13+21). True mean **T** derived from these hours. Oct.-Dec. No max. ther.
448	Krasnovodsk	Do. do.	**P,** (1851–1900). **T,** 34 yrs., 1869–1914. **R,** 25 yrs., 1870–1908.	**P**=$\frac{1}{3}$ (7+13+21). True mean **T** derived from these hours.
449	Aralskoe More	Do. do.	**P,** (1871–1908; '10–17). **T,** (31 yrs., 1877–1913).	Do. do.
450	Tachkent	Do. do.	**P,** 1871–1908; '10–17. **T, R,** 1877–86; '92–1908; '11–13.	Do. do.
451	Narynskoe	Do. do.	**T,** 25 yrs., 1885–1913.	Do. do.
452	Vernyi	Do. do.	**P,** 1871–1895.	**P**=$\frac{1}{3}$ (7+13+21). True mean **T** derived from these hours. The height appears about 10 m. too low, and a corr. of +1·5 mb. has been applied to the pressure.
461	Mukden	Tokio, Ann. Rep. Centr. Meteor. Obs., Japan, 1916.	**P, R,** 1906–18. **T,** 1906–19.	**P,** true mean **T**=$\frac{1}{6}$ (2+6+10+14+18+22).
462	Joshin	Do. do.	**P, R,** 1906–18. **T,** 1906–19.	Do.
463	Yuki	Do. do.	..	Do.
464	Vladivostok	MS. data supplied by l'Obs. Météor., Vladivostok.	**P,** 1876–1921. **T, R,** 1873–1921.	**P**=$\frac{1}{3}$ (7+13+21).
465	Ochiai	See No. 461.	**P, T, R,** 1908–17.	See No. 461.
466	Nemuro	Do.	**P, T, R,** 1881–1910.	**P**=mean of 24 hrs.
466*a*	Syana	Do.	**P, T, R,** 1902–1920.	See No. 461.

* Maximum and minimum temperatures from whole degrees Fahrenheit.

ZONE 5 (Western Half). Table showing the Authorities for the Meteorology of the Globe between Latitude 40° N. and 30° N.

No.	Name of Station.	Authority for Current Data.	Period of Normals.	Remarks.
511	San Francisco	Washington, D.C., U.S. Dept. Agric., Rep. of Chief of Weather Bureau, 1916–17, and Monthly Weather Rev., 1916.	P, 1876–1915. T, 1873–1905. R, 1871–1917.	P reduced to mean of 24 hrs. True mean T derived from ⅛ (8+20).
512	San Luis Obispo		P, (1876–1915). T, 1895–1905. R, 1871–1917.	
513	San Diego		P, 1876–1915. T, 1873–1905. R, 1871–1917.	
514	Modena		P, (1876–1915). T, R, 1901–17.	
515	Santa Fé		P, (1876–1915). T, 1873–82; '85–1905. R, 1871–1917.	
516	Denver		P, 1876–1915. T, 1873–1905. R, 1872–1917.	
517	Abilene		P, (1876–1915). T, 1886–1905. R, 1886–1917.	
518	Saint Louis		P, 1876–1915. T, 1873–1905. R, 1871–1917.	
519	Mobile		P, 1876–1915. T, 1873–1905. R, 1871–1917.	
520	Nashville		P, 1876–1915. T, 1873–1905. R, 1871–1917.	
521	Charleston		P, 1876–1915. T, 1873–1905. R, 1871–1917.	
522	Washington		P, 1876–1915. T, 1873–1905. R, 1871–1917.	
524	Bermuda	Meteor. obs. taken at Prospect, Bermuda, 1916.	P, 53 yrs. T, 49 yrs. R, 55 yrs., 1852–1918.	P=⅛ (9+15). This approximates to a 24-hr. mean. True mean T=¼ (9+21+M+m).
530	Santa Cruz (Flores)	MS. data supplied by Director, Meteor. Service, Azores.	P, 1907–22, T, R, 1911–22.	P=mean of 24 hrs. True mean T derived from ½ (M+m).
531	Horta	Do. do.	P, (1866–1915). T, 1902–16. R, 1902–12; '14–16.	P=mean of 24 hrs. True mean T (Jan.–June)=¼ (9+12+15+21)−0·13 (M−m).
532	Ponta Delgada	Do. do.	P, 1866–1915. T, 1866–1916.	P=mean of 24 hrs.
532a	Faja da Cima	Do. do.	R, (1865–1914).	
533	Madeira (Funchal)	Lisbon, Obs. Infante D. Luis, Resumo das observações, 1916.	P, T, R, 1865–1918.	P=⅛ (9+15+21). True mean T=¼ (9+21+M+m).
534				
535	Lisbon	Do. do.	P, T, R, 1871–1910.	P=⅛ (9+15+21). True mean T derived from ½ (9+21+M+m).
536	Gibraltar	MS. data at M.O.	P, 1891–1915. T, 1876–1919. R, 1852–1919.	P=⅛ (7+13+21). True mean T=½ (7+13+2×21).
536a	Melilla	Madrid, Res. obs. efect. en las Estaciones del Servicio Meteor. Español, 1916.	P, T, R, 1908–17.	P=⅛ (8+16). True mean T derived from these hours.

ZONE 5 (Eastern Half). Between Latitude 40° N. and 30° N.

537	Palma	Madrid, Res. obs. efect. en las Estaciones del Servicio Meteor. Español, 1916.	P, R, 1870–1916. T, 1881–1916.	P=⅛ (8+16).
538	Algiers (Bouzaréah)	MS. data supplied by l'Office National Météor., Paris.	P, T, R, 1894–1914.	P=mean of 24 hrs.
539	Tunis	Do. do.	T, 18 yrs. R, 25 yrs., 1887–1914.	True mean T=¼ (7+13+19+(19+m)/2).
539a	Malta	Malta, Meteor. Obs., 1916.	P, 1883–1914. T, 1853–65; 1904–19. R, 1853–1919.	P=8h. True mean T derived from ½(M+m).
540	Riposto	Riposto, Osservatorio Meteor., Bollettino Mensile, 1916.	P, T, 1875–1919. R, 1880–1905.	P=⅛ (9+15+21). True mean T derived from these hours.
541	Athens	MS. data supplied by l'Observatoire National, Athens.	P, 1841–1910 (incomplete). T, 1858–1914. R, 1858–1911.	P=mean of 24 hrs.
542	Alexandria	MS. data supplied by Physical Dept., Cairo.	P, 1872–1920. T, 1901–20. R, 1891–1920.	P=⅛ (8+14+20). True mean T=¼ (8+14+20+m).*
543	Cairo (Helwan)	Do. do.	P, 1904–15. T, 1904–17. R, 15 yrs.	P=mean of 24 hrs.
544	Nicosia (P.W.D.)	Do. do.	P, 1907–20. T, R, 1888–1914.	P=⅛ (8+15).
544a	Beirut	MS. data supplied by the Observatory, American University, Beirut.	P, 1876–1910. T, R, 1876–1905.	P=⅛ (8½+14½+20½).
545	Baghdad	..	..	..
546	Busrah	Calcutta, India Weather Review, 1916.	See current data.	P=8 h.‡
546a	Lenkoran	MS. data supplied by Central Phys. Obs., Petrograd.	P, 1881–1915. T, 1870–84; '92–1915. R, 1847–56; '73–1915.	P=¼ (7+13+21). True mean T derived from these hours. No max. ther.
547	Teheran	See No. 546.	See current data.	True mean T derived from ½ (M+m).‡
548	Meshed	Do.	Do.	P=8 h.‡
549	Seistan	Do.	Do.	‡
550	Quetta	Do.	Do.	P=8 h. True mean T derived from ½ (M+m).‡
551	Peshawar	Do.	Do.	P=8 h. True mean T derived from ½ (M+m).‡
551a	Lahore	Do.	Do.	P=8 h. True mean T derived from ½ (10+16).‡
552	Simla	Do.	Do.	P=8 h. True mean T derived from ½ (M+m).‡
552a	Leh	Do.	Do.	Do. do.‡
559	Hang Kow	Tokio, Ann. Rep. Centr. Meteor. Obs., Japan, 1916.	P, T, 1906–19. R, 1900–19.	P=¼ (6+14+22). True mean T derived from these hours.
560	Tientsin	Do. do.	P, T, 1906–19. R, 1904–19.	Do. do.
561	Shanghai (Zi-Ka-Wei)	Zi-Ka-Wei, Revue mensuelle de l'Observatoire, 1916.	P, 1873–1918. T, R, 1873–1919.	P=mean of 24 hrs.
562	Jinsen (Chemulpo)	Jinsen, Ann. Rep. Meteor. Obs., Chosen, 1916.	P, R, 1888–1915. T, 1888–1922.	Do.
562a	Nagasaki	See No. 559	P, T, R, 1881–1910.	Do.
563	Kioto	Do.	P, T, R, 1881–1910.	Do.
564	Tokio	Do.	P, T, R, 1876–1910.	Do.
565	Kanayama	Do.	P, T, R, 1898–1919.	P, true mean T=⅛ (2+6+10+14+18+22).
566	Miyako	Do.	P, T, 1886–1910. R, 1886–1915.	Do. do.

* At Cairo this mean is 0·7a too low.

‡ Max. ther. read at hour of morning observation and entered to day of reading.

Table showing the Authorities for the Meteorology of the Globe between Latitude 30° N. and 20° N. ZONE 6.

No.	Name of Station.	Authority for Current Data.	Period of Normals.	Remarks.
605	Honolulu	Washington, D.C., U.S. Dept. Agric., Rep. of Chief of Weather Bureau, 1916–17.	P, 1905–21. T, 1892–1916. R, 1892–1903; '05–17.	P=⅛ (8+20). True mean T derived from these hours.
606		..	..	..
615	Zacatecas	..	..	..
616	Leon	..	..	..
617	Tulancingo	Mexico, Soc. Cient. "Antonio Alzate," Mem. 40, 1922, p. 485.	T, R, 1911–14; 1916–21.	..
618	Galveston	Washington, D.C., U.S. Dept. Agric., Rep. of Chief of Weather Bureau, 1916–17, and Monthly Weather Rev., 1916.	P, 1876–1915. T, 1873–1905. R, 1871–1917.	P, reduced to mean of 24 hrs. True mean T derived from ⅛ (8+20).
618a	New Orleans	Do. do.	Do. do.	Do. do.
619	Havana	Habana, Obs. Meteor. del Colegio de Belen, 1916.	P, 1876–1915. T, 1897–1914. R, 1859–1917.	P=1/16 (4+6+8+10+12+14+16+18+20+22). True mean T derived from these hours.
620	Key West	See No. 618.	P, 1876–1915. T, 1873–1905. R, 1871–1917.	P, reduced to mean of 24 hrs. True mean T derived from ⅛ (8+20).
621	Nassau, Bahamas	MS. data at M.O.	P, (1876–1915). T, 15 yrs., 1902–19. R, 57 yrs., 1852–1919.	Pressure values unreliable. True mean T derived from ⅛ (8+15).
622	Watling Island	Do.	..	P, true mean T=⅛ (2+8+12+16+22). The extreme temperatures are taken from readings of the dry bulb at these hours.
633	Izaña	Madrid, Anuario del Obs. Centr. Meteor., Tomo III. Supl.	..	P=mean of 24 hrs. True mean T (March) derived from ⅓ (7+14+21).
634	La Laguna	Madrid, Res. obs. efect. en las Estaciones del Servicio Meteor. Español, 1916.	P, 37 yrs. T, 29 yrs., 1881–1916. R, 38 yrs., 1869–1916.	P=½ (8+16)†
636	Colomb-Béchar	..	..	..
637	Timimoun	MS. data supplied by l'Office National, Paris.	..	True mean T=¼ (7+13+19+(19+m)/2). [Feb. derived from ½ (M+m)].
641	Siwa	..	..	..
642		..	..	..
643	Aswan	MS. data supplied by Physical Dept., Cairo.	P, T, 1901–20.	P=¼ (8+14+20). True mean T=¼ (8+14+20+m).*
644	Tor	Do. do.	P, T, 1905–20.	Do. do.
647	Bushire	Calcutta, India Weather Review, 1916.	See current data.	P=8 h. True mean T derived from ½ (M+m).‡
648	Jask	Do. do.	Do.	Do. do.
649	Robat	Do. do.	Do.	P=8 h. T (Jan.–Apr., Year)=8 h.‡
649a	Karachi	Do. do.	Do.	P=8 h. True mean T derived from ½ (M+m).‡
650	Hyderabad, Sind	Do. do.	Do.	Do. do.
650a	Jacobabad	Do. do.	Do.	Do. do.
651	Jaipur	Do. do.	Do.	Do. True mean T derived from ½ (10+16).‡
652	Nagpur	Do. do.	Do.	Do. True mean T derived from ½ (M+m).‡
653	Allahabad	Do. do.	Do.	Do. do.
653a	Darjiling	Do. do.	Do.	Do. do.
654	Calcutta	Do. do.	Do.	Do. True mean T derived from ½ (10+16).‡
655	Gauhati	Do. do.	Do.	Do. True mean T derived from ½ (M+m).‡
655m	Cherrapunji	Do. do.	Do.	P=8 h.†‡.
655a	Akyab	Do. do.	Do.	P=8 h. True mean T derived from ½ (M+m).‡
656	Mandalay	Do. do.	Do.	Do. do.
656a	Teng-yueh	MS. data supplied by the Chinese Maritime Customs.	..	P=¼ (3+9+15+21). True mean T=⅛(3+6+9+12+15+21+(15+21)/2+(21+3)/2).
657	Phu Lien	MS. data supplied by l'Office National, Paris.	P, T, 10 yrs., 1904–14. R, 14 yrs., 1904–18.	P=mean of bi-hourly observations.
658	Moncay	Do. do.	P, T, 1904–14. R, 1904–18.	P=½ (10+16). True mean T derived from these hours.
659	Hong Kong	Hong Kong, Royal Observatory, Monthly Meteor. Bulletin, 1916.	P, 1884–1913. T, R, 1884–1918.	P=mean of 24 hrs.
660	Amoy	..	..	..
661	Taihoku, Formosa	Tokio, Ann. Rep. Centr. Meteor. Obs., Japan, 1916.	P, T, R, 1897–1918.	P=mean of 24 hrs.
661a	Santo Domingo	Manila, Philippine Weather Bureau, Ann. Rep., pt. III., and Bulletin, 1916.	P, T, 1903–17. R, 16 yrs., 1903–19.	P=½ (6+14). Pressures seem about 1 mb. too low. True mean T derived from these hours. Max. and min. temps. Mar. to June unreliable.
662	Naha	..	..	P=mean of 24 hrs.
665	Titizima (Bonin Is.)	See No. 661. Do.	P, T, R, 1906–20.	P, true mean T=⅛ (2+6+10+14+18+22).

*At Cairo this mean is 0.7a too low.

† True mean T derived from table on page 115.

‡ Max. ther. read at hour of morning observation and entered to day of reading

ZONE 7.

Table showing the Authorities for the Meteorology of the Globe between Latitude 20° N. and 10° N.

No.	Name of Station.	Authority for Current Data.	Period of Normals.	Remarks.
715	Zapotlanejo	..	..	..
716	Morelia	..	..	..
717	Mexico	MS. data supplied by Obs. Meteor. Magn., Mexico.	P, unknown. T, 1878–1911. R, 1877–1910.	P=mean of 24 hrs.
718	Oaxaca	..	..	..
718a	Salina Cruz	..	..	..
719	San Salvador	MS. data supplied by Obs. Nac. Meteor., San Salvador.	P, 1889–1902; '11–19. T, R, 1889–1902; 11–14.	P=⅛ (7+14+21). True mean T=¼ (7+14+2×21).
720	Belize	MS. data supplied by Colonial Secretary, British Honduras.	R, 1888–1917.	..
721	Jamaica (Negril Point)	Jamaica Blue Book, 1916.	P, (1876–1915). T, 1898–1919. R, 1895–1909.	P, true mean T=½ (7+15) red. to mean of 24 hrs.
722	Port au Prince	MS. data supplied by l'Office National Météor., Paris.	P, (1876–1915). T, R, 1888–1912.	P=mean of 24 hrs.
723	Caracas	MS. data supplied by Director, Observatorio Cajigal.	P, 1893–1920. T, 1895–1917. R, 1891–1917.	P=½ (9½+16), which approximates to the mean of 24 hrs. True mean T=¼ (6+12+18+(24+0)/2). H_b is given as 1042m., but comparison with charts shows that this is inaccurate. H_b appears to be about 1025 m. in Jan. and Feb. and about 1010 m. from March to December. The annual mean has been corrected for this change of height.
723a	St. Croix (Christiansted)	Copenhagen, Dansk Meteor. Aarbog, 1916.	P, (1876–1915). T, 32 yrs. R, 34 yrs., 1882–1916.	P=⅛ (8+14+21). True mean T derived from ⅛ (8+14+3×21).
723b	Montserrat	MS. data at M.O.	P, (1876–1915).	P=½ (9+15) †
724	Grenada (Richmond Hill)	Grenada, Govt. Gazette, 1916.	P, (1876–1915). T, 29 yrs., 1887–1918. R, 1887–1918.	P=½ (9+18). True mean T derived from ½ (M+m).
725	Barbados	Barbados, Blue Book, 1916.	P, (1876–1915). T, (1887–1918). R, 1871–1910.	P=½ (9+15). True mean T derived from these hours.
731	St. Vincent, C. Verde Is.	Lisbon, Obs. Infante D. Luis, Resumo das observações, 1916.	P, T, R, 33 yrs., 1884–1919.	P=½ (9+15+21). True mean T=½ (9+21+M+m).
732	San Tiago, C. Verde Is.	Do. do.	..	Do. do.
733	Bathurst	Gambia, Govt. Gazette, 1916.	P, 1893–1900; '04–19. T, 1890–1900; '04–19. R, 1888–1900; '04–19.	P=9 h. True mean T derived from ½ (M+m).
734	M'Carthy Island	Do. do.	P, (1891–1918). T, 1891–1900; '08–15. R, 1884–1918.	..
735	Ségou	..	T, 1908–16. R, 1908–17.	..
736	Timbuctoo	MS. data supplied by l'Office National Météor., Paris.	..	True mean T derived from ½ (M+m).
737	Sokoto	MS. data at M.O.	T, 12 yrs., 1896–1914.	..
738	Kaduna Junction	Do.	..	..
739	Katagum	Do.	T, 12 yrs., 1907–19. R, 1904–18.	..
740	Maiduguri	Do.	T, (1907–19). R, (1904–18).	..
743	El Obeid	MS. data supplied by Physical Dept., Cairo.	T, 10 yrs., 1907–19. R, 1904–18.	P=⅛ (8+14+20). True mean T=¼ (8+14+20+m).*
743a	Khartoum	Do. do.	T, 13 yrs., 1906–19. R, 1904–18.	Do. do.
744	Port Sudan	Do. do.	P, T, 1901–20. R, 1902–20.	P, reduced to mean of 24 hrs. True mean T derived from ½ (M+m).‡
745	Berbera, Somaliland	MS. data at M.O.	..	P=8 h. True mean T derived from ½ (10+16).‡
746	Aden	Calcutta, India Weather Review, 1916.	P, 1900–20. R, 1899–1920.	See No. 746.‡
751	Bombay	Do. do.	P, T, 1905–20. R, 1906–20.	Do.
751a	Cochin	Do. do.	P, 1908–22. T, 1908–20. R, 1906–20.	See No. 751.‡
752	Kodaikanal	Do. do.	..	Do.
752a	Bangalore	Do. do.	See current data.	See No. 746.‡
753	Madras	Do. do.	..	Do.
754	Waltair	Do. do.	Do.	P=⅛ (10+16).†
755	Port Blair	Do. do.	Do.	..
756	Rangoon	Do. do.	Do.	Do.
757	Saigon	Do. do.	Do.	P, true mean T=½ (2+6+10+14+18+22).
758	Nhatrang	MS. data supplied by l'Office National Météor., Paris.	Do.	..
759	Bolinao	Do. do.	Do.	P=mean of 24 hrs.
761	Vigan	Manila, Philippine Weather Bureau, Ann. Rep., pt. III, and Bulletin, 1916.	Do.	See No. 759.
761a	Manila	Do. do.	Do.	P=¼ (6+14). True mean T derived from these hours.
762	Ormoc	Manila, Philippine Weather Bureau, Ann. Rep., pt. II, 1916.	P, T, 1904–15. R, 1903–18.	..
765	Guam, Ladrone Is.	See No. 759.	P, T, 1902–05; '07–17. R, 1902–18.	..
		Do.	P, 1907–18. T, 1906–18. R, 1906–20.	..

* At Khartoum, this mean is 1·0*a* too low. † True mean T derived from table on page 115.
‡ Max. ther. read at hour of morning observation and entered to day of reading.

Table showing the Authorities for the Meteorology of the Globe between Latitude 10° N. and 0°.

ZONE 8.

No.	Name of Station.	Authority for Current Data.	Periods of Normals.	Remarks.
805	Fanning Island	MS. data at M.O.	T, 12 yrs., 1904–18. R, 1903–18.	True mean T derived from ¼ (9+15+21).
821	Colon	Bilbao Heights, Panama Canal, Divn. of Meteor. & Hydrogr., Monthly Meteor. Rep., 1916.	P, T, 19 yrs., 1881–88; 1907–19. R, 1871–1918.	P, reduced to mean of 24 hrs.†
822	Bogota	MS. data supplied by the Bogota Observatory.	R, 1894–1915.	..
822a	Merida	Maldonado, E., Red Meteor. de Venezuela, 1916.	..	P=⅛ (6+12+21). True mean T derived from ⅛ (M+m).
824	El Peru, Guayanavieja	MS. data at M.O.	P, 10–12 yrs. T, 9–10 yrs. R, 11–12 yrs., 1910–22.	P=7 h. Observations incomplete.†
825	Georgetown, Brit. Guiana	Brit. Guiana, Blue Book, 1916.	P, 1846–56; '87–1916. T, 1894–1916. R, 1846–56; '64–1917.	P=⅛ (7+13+18). True mean T derived from these hours.
826	Paramaribo	MS. data supplied by K. Nederl. Meteor. Inst.	P, 1876–1915. T, 34 yrs., 1864–1915. R, 1871–1910.	P=⅛ (8+14+18). True mean T derived from these hours.‡
826a	Cayenne	MS. data supplied by l'Office National Météor., Paris.	T, 1890–1912. R, 1859–99; 1903–12.	True mean T derived from ½ (M+m).
833	Conakry	Do. do.	P, (1891–1915). T, 9 yrs., 1905–14. R, 1904–14.	P=⅛ (7+13+21)†.
834	Freetown, Sierra Leone	MS. data at M.O.	P, 1891–1919. T, 1875–1919. R, 1847–51; '75–1919.	P=⅛ (9+17).†
835	Cape Coast Castle	MS. data supplied by the Medical Dept., Accra.	T, 1896–1910. R, 1896–1912.	Mean T (May–Year)=½ (9+17).†
836	Accra	Do. do.	T, 1888–1910. R, 1888–1913.	†
837	Lagos	Nigeria, Blue Book, 1916.	P, 1891–1915. T, 1886–1900; '06–15. R, 1886–1919.	P=9 h.†
838	Zungeru	..	P, (1891–1915). T, 1905–19. R, 1903–19.	P=9 h.
838a	Libreville	MS. data at M.O.	T, 1901–12. R, 18 yrs., 1896–1914.	P=½ (9+16).†
839	Yola	See No. 826*a*.	T, 15 yrs., 1904–19. R, 1904–18.	..
841	Wau	MS. data at M.O.	P, T, 1902–20. R, 1904–20.	P=⅛ (8+14+20). True mean T=¼ (8+14+20+m).*
843	Mongalla	MS. data supplied by Physical Dept., Cairo.	P, T, R, 1903–20.	Do. do.
843a	Malakal (Kodok)	Do.	P, 10½ yrs. T, 8 yrs. R, 10 yrs.	Do. do.
844	Entebbe	Do.	P, 20 yrs., 1902–22. T, 1901–18. R, 24 yrs., 1896–1920.	P=⅛ (7+14+21). True mean T derived from ¼ (7+14+2×21).
845	Harrar	MS. data at M.O.	T, 1909–18. R, 1902–04; '08–18.	..
851	Minicoy	..	See current data.	P=8 h.
852	Colombo Observatory	Cairo, Phys. Dept., Meteor. Rep., 1916.	P, T, 1852–1916. R, 63 yrs., 1852-1917.	P=⅛ (9½+15½). True mean T derived from ½ (M+m).
853	Nuwara Eliya	Calcutta, India Weather Review, 1916.	T, 1875–1916. R, 1869–1916.	True mean T derived from ¼ (M+m).
854	Trincomalee	Colombo, Blue Book, 1916.	P, 1871–1916. T, 1872–1916. R, 1870–1916.	See No. 852.
855	Kota Radja	Do.	P, (1866–1911). R, 1879–1915.	P, reduced to mean of 24 hrs.
856	Medan	Do.	Do.	Do.
857	Penang	Batavia, Obs. at II Stations in Netherlands East India, vol. VI., and Regenw. in do. 1916.	P, T, R, 1898–1916.	P=⅛ (9+15+21).†
858	Singapore	Do. do.	..	Do.†
859	Sandakan	Singapore, Straits Settlements Meteor. returns, 1916.	P, T, 1898–1916. R, 1869–1916.	†
860	Iwahig	Do. do.	T, R, 1879–95; 1905–20.	P=⅛ (6+14). True mean T derived from these hours.
861	Tagbilaran	British North Borneo Herald, 1916.	P, (1903–05; '08; '11–18).	P, true mean T=¼ (2+6+10+14+18+22).
861a	Menado	Manila, Philippine Weather Bureau, Ann. Rep., pt. III and Bulletin, 1916.	..	P, reduced to mean of 24 hrs.
862	Surigao	Do. do.	P, 15 yrs., 1902–18. T, R, 15 yrs., 1903–18.	P, true mean T=⅛ (2+6+10+14+18+22).
863	Yap	See No. 855.	P, 1905–07; '09–16. R, 1879–1915.	P=⅛ (6+14). True mean T derived from these hours.
		See No. 860.	P, 15 yrs., 1902–18. T, 14 yrs., 1902–18. R, 1902–17.	
		Do.	P, 1907–08; '10–20. T, 1906–08; '10–20. R, 1905–20.	

Table showing the Authorities for the Meteorology of the Globe between Latitude 0° and 10° S.

ZONE 9.

No.	Name of Station.	Authority for Current Data.	Periods of Normals.	Remarks.
905	Malden Island	MS. data at M.O.	P, T, 24 yrs., 1890–1918. R, 28 yrs., 1890–1918.	P=9 h. True mean T derived from ½ (M+m).
921	Quito	..	..	..
924	Manaos	Rio de Janeiro, Directoria de Meteorologia, Boletim Meteorologico, 1916.	P, 1902–19. T, 1911–19. R, 1901–19.	P=⅛ (7+14+21). True mean T=¼ (7+21+M+m).‡‡
926	Taperinha	Do. do.	...	P=⅛ (7+14+21). True mean T=¼ (7+14+2×21).
927	Turyassu	..	P, T, R, 1912–19.	P=⅛ (7+14+21). True mean T=¼ (7+14+2×21).
928	Barra do Corda	Do. do.	P, T, R, 1912–19.	P=⅛ (7+14+21). True mean T=¼ (7+14+2×21).
929	Quixeramobim	Do. do.	P, T, R, 1896–1919.	P=⅛ (7+14+21). True mean T=¼ (7+14+2×21).
930	Fernando Noronha	Do. do.	P, R, 1911–19.	P=⅛ (7+14+21). True mean T=¼ (7+14+2×21).
939	Loanda	Loanda, Resumo das Observações meteor., Boletim Oficial, 1916.	P, T, 1879–97; 1900–09. R, 1879–97; 1900–13.	P=mean of 24 hrs.
940	Brazzaville	MS. data supplied by l'Office National Météor., Paris.	T, 10 yrs., 1898; 1906–15. R, 1898; 1906–10; '12–15.	P=½ (8+16).†
943	Masaka	MS. data at M.O.	T, 14 yrs., 1903–22. R, 1902–20.	True mean T=¼ (7+14+2×21).
944	Nairobi	MS. data supplied by Meteorologist in charge, Dept. of Agriculture, Nairobi.	T, 1904–20. R, 1904–16.	§
944a	Zanzibar	Calcutta, India Weather Review, 1916.	See current data.	P=8 h. True mean T derived from this hour.‡
945	Lamu	See No. 944.	T, 1911–20. R, 20 yrs., 1894–99; 1906–20.	† §
947	Seychelles, Port Office	Meteor. Obs. taken in Seychelles, 1916. P and true mean T from Calcutta, India Weather Review, 1916.	P, 1887–99; 1905–16. T, 1897–1916. R, 1891–1916.	P, true mean T=½ (10+16), reduced to 24 hrs.

* At Khartoum, this mean is 1.0*a* too low. † True mean T derived from table on page 115. ‡ Max. ther. read at hour of morning observation and entered to day of reading. § Maximum and minimum temperatures from whole degrees Fahrenheit. ‡‡ At Quixeramobim, this mean is 0.6*a* too low.

ZONE 9—*continued.*

No.	Name of Station.	Authority for Current Data.	Period of Normals.	Remarks.
957	Padang	Batavia, Obs. at II Stations in Netherlands East India, Vol. VI., and Regenw. in do., 1916.	**P**, (1866–1911). **R**, 1879–1915.	**P**, reduced to mean of 24 hrs.
958	Batavia	Batavia, Obs. R. Magn. and Meteor. Obs., 1916, and Regenw. in Netherlands East India, 1916.	**P, T, R**, 1866–1915.	**P**=mean of 24 hrs.
958*a*	Pontianak	See No. 957.	**P**, (1866–1915). **R**, 1879–1915.	**P**, reduced to mean of 24 hrs.
959	Passeroean	Do.	**P**,(1866–1911). **T**, 1901–17. **R**, 1879–1915.	Do.
960	Kajoemas	Do.	**R**, 1888–1915.	..
962	Ambon	Do.	**P**,(1866–1911). **T**, 1850–81. **R**, 1879–1915.	Do.
963	Manokwari	Do.	**P**, (1866–1915). **R**, 1901–15.	Do.
965	Daru	Port Moresby, Papua Govt.' Gazette, 1916–1917.	**P**, 18 yrs., 1894–95; 1903–22. **T**, 1897–1915. **R**, 22 yrs., 1894–1919.	**P**=9 h.†
966	Port Moresby	Do. do.	**P**, 24 yrs. 1891–95; 1902–22. **T**, 20 yrs., **R**, 24 yrs., 1891–1916.	**P**=9 h.†
967				
968	Rendova	MS. data supplied by Central Bureau of Meteorology, Melbourne.	**P**, (1907–19). **R**, 1907–18.	**P**=9 h.
969	Tulagi, Brit. Solomon Is.	MS. data at M.O.	**P**, 1907–19. **T**, 1907–17. **R**, 1898–1917.	**P**=9 h.†
970	Ocean Island	Do.	**P**, 1905–20. **T, R**, 1905–16.	**P**=$\frac{1}{2}$ (9+21). True mean **T** derived from $\frac{1}{2}$ (M+*m*).

ZONE 10.

Table showing the Authorities for the Meteorology of the Globe between Latitude 10° S. and 20° S.

No.	Name of Station.	Authority for Current Data.	Period of Normals.	Remarks.
1002	Apia, Samoa	MS. data supplied by Meteorological Office, Wellington, N.Z.	**P**, 1890–1912. **T, R**, 1890–1907.	**P**=mean of 24 hrs.
1003	Alofi, Niue Island	Do. do.	**R**, 1905–15.	†‡
1007	Makatea	MS. data supplied by l'Office National, Paris.	**R**, 9 yrs., 1892–1904.	**P**=$\frac{1}{3}$ (6+12+18).†
1021	Arequipa	MS. data supplied by Professor Pickering, Harvard College.	**P**, 1892–95; 1910–16. **T**, 31 yrs., 1888–1920. **R**, 13 yrs., 1888–95; 1910–16.	**P**=$\frac{1}{3}$ (10+22). True mean **T** derived from $\frac{1}{3}$ (M+*m*).
1022	Puerto de Arica	Santiago, Publ. Inst. Meteor. de Chile, No. 26, Anuario, 1916.	**T**, 1900–08; '11–18. **R**, 1903–18.	True mean **T** derived from $\frac{1}{3}$ (7+14+2×21).
1023				
1024	Sucre, Bolivia	Sucre, Boletin Mensual del Obs. Meteor., 1916.	**R**, 1883–1904; '10–19.	**P**=$\frac{1}{3}$ (7+14+21). True mean **T**=$\frac{1}{3}$ (7+14+2×21).
1025	Corumba	Rio de Janeiro, Directoria de Meteorologia, Boletim Meteorologico, 1916.	**P, R**, 1912–19.	**P**=$\frac{1}{3}$ (7+21). True mean **T**=$\frac{1}{3}$ (2×7+21+M).
1026	Cuyaba	Do. do.	**P, T, R**, 1901–19.	**P**=$\frac{1}{3}$ (7+14+21). True mean **T**=$\frac{1}{3}$ (7+14+2×21).
1027	Bello Horizonte	Minas Geraes, Dados Meteor., 1916.	**P**, 1910–19. **T, R**, 1910–21.	Do. do.
1028	Caetite	See No. 1025.	**P, T, R**, 1909–19.	Do. do.
1029	Ondina (Bahia)	Do.	**P**, 24 yrs., 1881–1919. **T**, 1909–19. **R**, 26 yrs., 1880–1919.	Do. do.
1030	Aracaju	Do.	**P**, 1910–19. **T**, 1911–19. **R**, 1909–19.	**P, T**=$\frac{1}{3}$ (7+14+21). True mean **T**=$\frac{1}{3}$ (7+14+2×21).
1035	St. Helena	MS. data at M.O.	**P**, 1892–1921. **T**, 1892–1922. **R**, 1892–1915.	**P**=9 h. True mean **T** derived from $\frac{1}{3}$ (M+*m*).
1042	Gwelo	MS. data supplied by Salisbury, Dept. Agric.	**P**, 1901–03; '07–21. **T**, 1900–03; '07–20. **R**, 1898–1920.	**P**=8 h.
1043	Salisbury, Rhodesia	Do. do.	**P, T**, 1898–1903; '07–20. **R**, 1897–1920.	Do.
1044	Zomba	Zomba, Nyasaland Govt. Gazette, 1916.	**P**, 1899–1920. **T, R**, 1892–1920.	**P**=$\frac{1}{3}$ (9+21). True mean **T** derived from these hours. Height corrected from mean pressure.
1045	Tananarivo	MS. data supplied by l'Office National Météor., Paris.	**P**, 1880–82; '87–1913. **T**, 20 yrs., 1890–1913. **R**, 1890–1913.	**P**=$\frac{1}{3}$ (7+13+18). True mean **T** derived from these hours.
1046	Sainte-Marie	..	..	..
1055	Cocos Keeling Is.	MS. data supplied by Central Bureau of Meteorology, Melbourne.	**P, T**, 1905–20. **R**, 1904–20.	**P**=$\frac{1}{3}$ (9+15).†
1056				
1057	Christmas Island	Edinburgh, J. Scot. Meteor. Soc., 17, 1916.	**P, T**, 1902–15. **R**, 1902–18.	**P**=$\frac{1}{3}$ (9+21).†
1058				
1061	Koepang	Batavia, Obs. at II Stations in Netherlands East India, Vol. VI., and Regenw. in do., 1916.	**P**, (1866–1911). **R**, 1879–1915.	**P**, reduced to mean of 24 hrs.
1061*a*	Derby	See No. 1055.	**P, T**, 1897–1919. **R**, 1886–1919.	**P**=$\frac{1}{3}$ (9+15).
1062	Hall's Creek	Do.	**P**, 1901–19. **T**, 1899–1919. **R**, 1891–1919.	Do.
1063	Port Darwin	Do.	**P, T**, 1882–1921. **R**, 1870–1921.	**P**=$\frac{1}{3}$ (9+15). True mean **T** derived from $\frac{1}{3}$ (M+*m*).
1064	Daly Waters	Do.	**P**, 1881–1919. **T**, 1886–1918. **R**, 1873–1919.	Do. do.
1065	Mein	Do.	**P**, 1906–19. **T**, 1907–19. **R**, 1888–1919.	**P**=$\frac{1}{3}$ (9+15).†
1066	Georgetown, Queensland	Do	**P**, 1910–19. **T**, 1907–19. **R**, 1872–1919.	**P**=$\frac{1}{3}$ (9+15).
1067	Samarai	Port Moresby, Papua Govt. Gazette, 1916–1917.	**P**, 13 yrs., 1904–22. **T**, 1904–15. **R**, 1891–92; '94–1915.	**P**=9 h.†
1072	Suva, Fiji	MS. data at M.O.	**P**, 1886–1916. **T, R**, 1886–1918.	Do.

† True mean **T** derived from table on page 115.

‡ Max. ther. read at hour of morning observation and entered to day of reading.

Table showing the Authorities for the Meteorology of the Globe between Latitude 20° S. and 30° S. ZONE 11.

No.	Name of Station.	Authority for Current Data.	Period of Normals.	Remarks.
1105	Raratonga (Avarua)	MS. data supplied by Meteorological Office, Wellington, N.Z.	**T**, 1899–1914. **R**, 1899–1915.	†‡
1115				
1121	Punta Tortuga, Coquimbo	Santiago, Publ. Inst. Meteor. de Chile, No. 26, Anuario, 1916.	**P**, 20 yrs. **T**, 18 yrs. **R**, 1900–15.	**P**=$\frac{1}{3}$ (7+14+21). True mean **T** derived from $\frac{1}{3}$ (7+14+2×21).
1122	Iquique	Do. do.	**P**, 17 yrs. **T**, 18 yrs. **R**, 19 yrs.	Do. do.
1123	Catamarca	Buenos Aires, Oficina Meteor. Nacion., Bol. Mens., 1916.	**P**, 1881–88; 1916–19. **T**, 1881–88; 1904–13; '16–19. **R**, 1881–1900; '03–14; '16–19.	**P**=mean of 24 hrs.
1124	Salta	Do. do.	**P**, 1882–1907; '16–19. **T**, 1882–1913; '16–19. **R**, 1873–1913; '16–19.	Do.
1125	Goya	Do. do.	**P**, 1876–1900; '14; '16–19. **T, R**, 1877–1914; '16–19.	Do.
1126	Asuncion	..	..	..
1127	Curityba	..	..	..
1128	Rio de Janeiro	Rio de Janeiro, Directoria de Meteorologia, Boletim Meteorologico, 1916. Do. and MS. data.	**P**, 1889–1910. **T**, 1884–1910. **R**, 25 yrs., 1884–1910. **P**, 1856–1920. **T**, 1871–1920. **R**, 1851–1920.	**P**=$\frac{1}{3}$ (7+14+21). True mean **T**=$\frac{1}{3}$ (7+14+2×21). **P**=mean of 24 hrs.
1139	Windhoek	MS. data supplied by Chief Meteorologist, Pretoria.	**T**, 9 yrs. **R**, 23 yrs.	True mean **T** derived from $\frac{1}{2}$ (M+*m*).
1140				
1141	Kimberley	MS. data supplied by Dr. J. R. Sutton.	**P**, 1897–1911. **T**, 1897–1911. **R**, 40 yrs.	**P**=$\frac{1}{3}$ (8+14+20).
1142	Johannesburg	MS. data supplied by Chief Meteorologist, Pretoria.	**P**, 9 yrs., 1904–13. **T**, 1904–19. **R**, 1888–1913.	**P**=8$\frac{1}{2}$ h. True mean **T** derived from $\frac{1}{2}$ (M+*m*).
1142*a*	Pretoria	Do. do.	**T**, unknown. **R**, 32 yrs.	**P**=8$\frac{1}{2}$ h.
1143	Durban	Do. do.	**T**, 24 yrs. **R**, 1873–1913.	Do.†
1144	Lorenzo Marques	Lourenço Marques, Relatorio do Observatorio Campos Rodrigues, 1916.	**P**, 13 yrs. **T, R**, 20 yrs.	**P**=mean of 24 hrs.
1147	Mauritius	Mauritius, Results of Meteor. obs. during 1916 at Royal Alfred Observatory.	**P, T, R**, 1861–1919.	Do.
1159	Onslow	MS. data supplied by Central Bureau of Meteorology, Melbourne.	**P, T**, 1897–1919. **R**, 1886–1919.	**P**=$\frac{1}{3}$ (9+15).
1160	Peak Hill	Do. do.	**P, T**, 1899–1919. **R**, 1898–1919.	Do.
1161	Nullagine	Do. do.	**P**, 1900–19. **T**, 1899–1919. **R**, 1898–1919.	Do.
1162	Laverton	Do. do.	**P, T**, 1901–19. **R**, 1900–19.	Do.
1163	Alice Springs	Do. do.	**P**, 1883–1918. **T**, 1879–1921. **R**, 1874–1921.	Do. True mean **T** derived from $\frac{1}{2}$ (M+*m*).
1164	William Creek	Do. do.	**P**, 1889–1919. **T**, 1889–1918. **R**, 1874–1919.	Do. do.
1164*a*	Boulia	Do. do.	**P**, 1900–19. **T**, 1898–1919. **R**, 1887–1919.	Do.
1165	Thargomindah	Do. do.	..	..
1166	Mitchell	Do. do.	**T**, 1907–19. **R**, 1884–1919.	Do.
1167	Rockhampton	Do. do.	**P**, 1889–1919. **T**, 1898–1919. **R**, 1887–1919.	Do.
1168	Brisbane	Do. do.	**P, T**, 1887–1919. **R**, 1852–1919.	..
1169	Quitchambo	Do. do.	**R**, (1860–1910).	Do.
1170	Norfolk Island	MS. data supplied by l'Office National Météor., Paris. See No. 1159.	**P**, 10 yrs. **T**, 10 yrs. **R**, 31 yrs.	**P**=$\frac{1}{3}$ (9+15).† **P**=mean of 24 hrs.† **P**=7 h. **P**=9 h.†

Between Latitude 30° S. and 40° S. ZONE 12.

1221	Juan Fernandez	Santiago, Publ. Inst. Meteor. de Chile, No. 26, Anuario, 1916.	**T**, 17 yrs. **R**, 16 yrs., 1901–18.	True mean **T** derived from $\frac{1}{3}$ (7+14+2×21).
1221*a*	Punta Tumbes	Do. do.	**P, T, R**, 1901–17.	**P**=$\frac{1}{3}$(7+14+21). do. A correction of +3.6 mb. has been applied to the pressures.
1222	Punta Angeles, Valparaiso	Do. do.	**P**, 28 yrs. **T**, 18 yrs. **R**, 26 yrs., 1869–1918.	Do. do.
1222*a*	Santiago	Do. do.	**P**, 1861–1908; '10–16. **T**, 1861–1914. **R**, 1867–1915.	Do. do.
1223	Cordoba	Cordoba, Oficina Meteor. Nacional, Sinopsis del Tiempo, 1922–23.	**P**, 1872–1922. **T, R**, 1873–1922.	**P**=mean of 24 hrs.
1224	Bahia Blanca	Buenos Aires, Oficina Meteor. Nacion., Bol. Mens., 1916.	**P**, 1875–1900; '10–14; '16–19. **T, R**, 1860–83; '96–1914; '16–19.	**P**=mean of 24 hrs.
1225	Buenos Ayres	Do. do.	**P**, 1858–1914; '16–19. **T, R**, 1861–1914; '16–19.	Do.
1226	Montevideo (Prado)	Montevideo, Inst. Nacional Fis.-Climat., Sinopsis Meteor., 1916.	**P, T, R**, 1901–20.	**P**=mean of 24 hrs.
1226*a*	Rio Grande	Porto Alegre, Dados Meteor., 1916.	**P**, 12 yrs., 1871–1916. **T**, 20 yrs., 1871–1916. **R**, 21 yrs., 1877–1916.	**P**=$\frac{1}{3}$ (7+14+21). True mean **T**=$\frac{1}{3}$ (7+14+2×21).
1239	Cape Town	Symons's Meteor. Mag., London, 1916, 1917 and MS. data supplied by Royal Observatory, Cape Town.	**P**, 1841–1915. **T**, 1842–1914. **R**, 1841–1913.	**P**=$\frac{1}{3}$ (8$\frac{1}{2}$+12.46+20$\frac{1}{2}$). True mean **T** derived from $\frac{1}{2}$ (M+*m*).
1240	Danger Point	MS. data supplied by Chief Meteorologist, Pretoria.	..	..
1241	Heidelberg	Do. do.	**R**, 28 yrs.	..
1242	East London	Do. do.	**P**, 1870–1904. **T**, 1881–1906. **R**, 26 yrs.	**P**=8$\frac{1}{2}$ h.
1259	Perth (Observatory)	MS. data supplied by Central Bureau of Meteorology, Melbourne.	**P**, 1885–1921. **T**, 1897–1921. **R**, 1876–1921.	**P**=mean of 24 hrs.
1260	Katanning	Do. do.	**P, T**, 1897–1919. **R**, 1892–1919.	**P**=$\frac{1}{3}$ (9+15).
1261	Coolgardie	Do. do.	**P, T**, 1897–1919. **R**, 1893–1919.	Do.
1262	Eucla	Do. do.	**P**, 1879–1918. **T**, 1878–1919. **R**, 1876–1919.	Do.
1263	Streaky Bay	Do. do.	**P**, 1890–1919. **T**, 1891–1919. **R**, 1878–1919.	Do.
1264	Adelaide	Do. do.	**P, T**, 1857–1918. **R**, 1839–1919.	**P**=mean of 24 hrs. True mean **T** derived from $\frac{1}{2}$ (M+*m*).
1265	Melbourne	Do. do.	**P**, 1858–1919. **T, R**, 1856–1919.	**P**=mean of 24 hrs.
1266	Bourke	Do. do.	**P**, 1877–1918. **T**, 1874–1918. **R**, 1873–1919.	**P**=$\frac{1}{3}$ (9+15).
1267	Sydney	Do. do.	**P, T, R**, 1859–1919.	**P**=mean of 24 hrs.
1268	Lord Howe Island	Do. do.	**R**, 1899–1919.	**P**=9 h.
1271	Auckland	MS. data supplied by Meteorological Office, Wellington, N.Z.	**T**, 56 yrs. **R**, 67 yrs.	**P**=9 h.‡
1272	Napier	Do. do.	**P**, 1867–80; 1905–15. **T**, 29 yrs. **R**, 1867–80; 1905–17.	**P**=9 h.‡

† True mean **T** derived from table on page 115.

‡ Max. ther. read at hour of morning observation and entered to day of reading.

Table showing the Authorities for the Meteorology of the Globe between Latitude 40° S. and 50° S.

No.	Name of Station.	Authority for Current Data.	Period of Normals.	Remarks.
	ZONE 13.	..	..	..
1301	Chatham Island			
1321	Isla Huafo	Santiago, Publ. Inst. Meteor. de Chile, No. 26, Anuario, 1916.	**P, T, R,** 1908–17.	**P**=¼ (7+14+21). True mean **T** derived from ¼ (7+14+2×21).
1322	Punta Galera	Do. do.	**P,** 1899–1908 ; '10–18. **T, R,** 1899–1918.	Do. do.
1323	Sarmiento	Buenos Aires, Oficina Meteor. Nacion., Bol. Mens., 1916.	**T,** 1903–07 ; '16–19.	**P**=mean of 24 hrs.
1324	Punta Madryn	..	**T, R,** 1903–13 ; '16–19.	Do.
1365	Launceston	MS. data supplied by Central Bureau of Meteorology, Melbourne.	**P,** 1905–18. **T,** 1891–1918. **R,** 1886–1919.	**P**=½ (9+15).
1366	Hobart	Do. do.	**P,** 1885–1919. **T,** 1871–1919. **R,** 1841–79 ; '82–1919.	**P**=½ (9+15). True mean **T** derived from ½ (M+*m*). ‡
1370	Invercargill	New Zealand Official Yearbook, 1917, and MS. data supplied by Meteorological Office, Wellington, N.Z.	**T,** 11 yrs. **R,** 27 yrs.	
1371	Dunedin	Do. do.	**P,** 1865–1915. **T,** 55 yrs. **R,** 62 yrs.	**P**=9 h.‡
1371*a*	Christchurch	Do. do.	**P,** 1865–1915. **T,** 1872–1917. **R,** 1865–1917.	**P**=9½ h.‡
1372	Wellington	New Zealand Govt. Gazette, 1916–17.	**P,** 1865–1917. **T,** 56 yrs. **R,** 58 yrs.	**P**=9 h.‡
	ZONE 14.		Between Latitude 50° S. and 60° S.	
1421	Islota de los Evangelistas	Santiago, Publ. Inst. Meteor. de Chile, No. 26, Anuario, 1916.	**P,** 1899–1908 ; '10–18. **T, R,** 1899–1918.	**P**=¼ (7+14+21). True mean **T** derived from ¼ (7+14+2×21).
1422	Puerto de Punta Arenas	Do. do.	**P,** (1889–1918). **T, R,** (1888–1918).	Do. do.
1423	Punta Dungeness	Do. do.	**P,** 1900–08 ; '10–18. **T,** 1900–18. **R,** 1903–18.	Do. do.
1424	Santa Cruz	Buenos Aires, Oficina Meteor. Nacion., Bol. Mens., 1916.	**P,** 1903–07 ; '16–19. **T, R,** 1905–13 ; '16–19.	**P**=mean of 24 hrs.
1424*a*	Ano Nuevo	MS. data supplied by Ministerio de Marina, Buenos Aires.	..	Do.
1425	Stanley, Falkland Is.	MS. data supplied by the Governor, Falkland Islands.	**R,** 1875–77 ; '81–83 ; '91 ; 1904–14.	..
1426	Cape Pembroke	MS. data at M.O.	**P,** 1895–1915. **T,** 10 yrs., 1905–15.	**P, T**=⅛ (4+8+12+16+20+24). No rain gauge.
1429	S. Georgia (Cumberland Bay)	Do.	**P, R,** 1906–18. **T,** 1905–18.	**P**=⅛ (8+14+20). True mean **T** derived from ½ (M+*m*).
	ZONE 15.		Between Latitude 60° S. and 70° S.	
1527	South Orkneys	London, Symons's Meteor. Mag., 52, 1917, p.98	**P, T,** 1903–14. **R,** 1904 ; '06 ; '08–14.	**P**=mean of 24 hrs.

‡ Max. ther. read at hour of morning observation and entered to day of reading.

Daily Observations of Wind within the Tropics.—The information is extracted from MS. data at M.O.

805. Fanning Is. The resultants and constancy for 1916 and the normal values refer to observations at 9, 15 and 21h.

844. Entebbe. The resultants and constancy for 1916 refer to observations at 7, 14 and 21h., the normal values to observations at 7 and 21h. only.

REDUCTION TO TRUE MEAN TEMPERATURE.

The following references give the more important authorities for the corrections which have been applied to reduce the temperatures, either means of observations at fixed hours or means of maxima and minima, to true mean.

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The following table gives approximate corrections for the limits 30° N. to 30° S. to reduce ½ (M+*m*) to true mean **T**, taking into consideration the height and the daily range (M—*m*). It can be applied in cases where no other correction is available, and has been so used in the tables in this issue.

Daily Range	Height in Metres.							
	0.	500.	1000.	1500.	2000.	2500.	3000.	3500.
a.	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*	*a.*
4	— ·35	— ·42	—·49	—·56	—·63	—·70	— ·77	— ·84
6	— ·42	— ·50	—·58	—·66	—·74	—·82	— ·90	— ·98
8	— ·52	— ·59	—·65	—·72	—·78	—·85	— ·91	— ·98
10	— ·64	— ·67	—·70	—·73	—·76	—·79	— ·82	— ·85
12	— ·79	— ·76	—·73	—·70	—·67	—·64	— ·61	— ·58
14	— ·97	— ·85	—·73	—·61	—·49	—·37	— ·25	— ·13

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